

Foodborne Pathogen Test Kits Validated by Independent Organizations (updated Apr 14, 2025)

FSIS is making available a list of test kits that have been validated for detection of relevant foodborne pathogens (i.e., *Salmonella*, *Campylobacter*, *Listeria* spp. including *L. monocytogenes*, *E. coli* O157:H7 and non-O157 STEC). The list is intended to be informational and is not an endorsement or approval of any specific test kit, regardless of its inclusion in the list.

FSIS does not specifically endorse any of the mentioned test kits or products and acknowledges that equivalent test kits or products may be available for laboratory use. Likewise, FSIS does not require the use of any specific test kit, including those incorporated into FSIS's Microbiology Laboratory Guidebook methods. Instead, establishments and laboratories should choose test kits that are:

1) Validated for testing relevant foods by a:

- a) Recognized independent body (i.e., AOAC, AFNOR, MicroVal, NordVal),
- b) U.S. regulatory body (i.e., FSIS MLG or FDA BAM), or
- c) International Organization for Standardization (ISO) process

2) In addition, the validated method should be:

- a) Fit for the intended purpose and application (e.g., validated for the appropriate matrix and sample size to detect the appropriate foodborne pathogen), and
- b) Performed per the conditions of the validated protocol by a laboratory that assures the quality of the analytical results.

The table below contains a list of foodborne pathogen test kits that are validated by recognized independent organizations (i.e., AOAC, AFNOR, MicroVal, NordVal) and therefore meet criterion 1a above. However, the test kits in this list are not necessarily equivalent or appropriate for all testing applications.

FSIS intends to update validated test kit lists on a quarterly basis.

#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated Matrices	Validated Test Portion Size
S001	3M™ Molecular Detection Assay (MDA) <i>Salmonella</i> Method	<i>Salmonella</i> spp.	3M Food Safety	AOAC-OMA # 2013.09	Raw ground beef (25g, 325g, 375g), cooked breaded chicken (325g), liquid egg (100g), shrimp, fresh spinach, and wet dog food (375g), raw ground chicken (25g, 325g), pasteurized american cheese, peanut butter, dry dog food (25g, 375g), sprout irrigation water (375g), chicken carcass rinse (30ml), chicken carcass sponge, sealed/glazed ceramic tile, concrete, stainless steel	Refer to product literature
S002	Ancera PIPER <i>Salmonella</i> Detection Kit	<i>Salmonella enterica</i> spp.	Ancera Inc.	AOAC-PTM # 122203	Raw ground poultry (25 g), poultry carcass rinse (30 mL), poultry feed (25 g)	N/A
S003	ANSR for <i>Salmonella</i>	<i>Salmonella enterica</i> and <i>Salmonella bongori</i>	Neogen Corporation	AOAC-PTM # 061203	Raw ground beef, hot dogs (25g, 325g), chicken carcass rinse (30mL), raw ground turkey, oat cereal, surfaces (stainless steel, plastic, sealed concrete, ceramic tile, rubber)	Refer to product literature
S004	ANSR <i>Salmonella</i>	<i>Salmonella enterica</i>	Neogen Corporation	AFNOR # NEO 35/02 - 05/13	Meat products, dairy products, seafood and vegetables	25g

** N/A = Not available

#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated Matrices	Validated Test Portion Size
S005	ANSR® <i>Salmonella</i> Confirmation Test	<i>Salmonella</i> spp.	Neogen Corporation	AOAC-OMA # 2013.14	raw ground beef, raw ground turkey, chicken carcass rinse, hot dogs, oat cereal, and sponge or swab samples from stainless steel, plastic, ceramic tile, sealed concrete, and rubber environmental surfaces, soy flour, cocoa powder, peanut butter, almonds, dry pet food, pasteurized dried whole egg, pasteurized liquid whole egg, pasteurized frozen egg yolk, pasteurized dried egg white, black pepper, ice cream, raw shrimp and raw spinach.	N/A
S006	Assurance GDS for <i>Salmonella</i> Tq	<i>Salmonella</i> spp.	Millipore S.A.S part of Merck group	AFNOR # TRA 02/12 - 01/09	All human foodstuffs, animal feed and environmental samples	25g
S007	Assurance GDS® <i>Salmonella</i>	<i>Salmonella</i> spp.	BioControl Systems, Inc.	AOAC-OMA # 2009.03	Meats, poultry, poultry carcass rinse, seafood, dairy products, egg, pasta, peanut butter, fruits and vegetables, spices (curry powder, chili powder, and cumin powder), and environmental surfaces	25g
S008	Assurance GDS for <i>Salmonella</i>	<i>Salmonella</i> spp.	BioControl Systems, Inc./MilliporeSigma	AOAC-PTM # 050602	Raw beef, raw pork, ground turkey, chicken rinse, raw shrimp, nonfat dry milk, egg, and environmental surfaces (stainless steel, rubber, concrete)	25g
S009	Assurance GDS <i>Salmonella</i> Tq detection Kit for the detection of <i>Salmonella</i> spp.	<i>Salmonella</i> spp.	Merck MiliporeSigma	MicroVal # 2015LR50	Raw beef meats, delicatessen and heat treated meat products (with 25 g sampling), Dairy products (with 25 g sampling), Fruits and vegetables (with 25 g sampling), Environmental samples (with 25 g or surface sampling), Raw beef meats (with 375 g sampling), raw poultry meats (25g)	Refer to product literature
S010	Assurance Gold EIA <i>Salmonella</i>	<i>Salmonella</i> spp.	BioControl Systems, Inc.	AOAC-OMA # 999.08	All foods	25g
S011	Assurance® <i>Salmonella</i> Enzyme Immunoassay (EIA) Test Kit	<i>Salmonella</i> spp.	BioControl Systems, Inc.	AOAC-OMA # 992.11	All foods	25g
S012	Atlas <i>Salmonella</i> Detection Assay	<i>Salmonella enterica</i> subspecies: <i>enterica</i> , <i>diarizonae</i> , <i>arizonae</i> , <i>houtenae</i> , <i>indica</i> , <i>salamae</i>	Roka Biosciences, Inc.	AOAC-PTM # 031201	25 g – raw ground chicken, raw ground turkey, creamy non-organic peanut butter, instant nonfat dry milk, string cheese (mozzarella), nacho cheese seasoning, raw cookie dough, milk chocolate, tomatoes, shell eggs, soy flour, black pepper, dry pet food, dry pasta, raw cod 100 g – pasteurized dried whole egg 325 g – cooked deli turkey, cooked deli chicken 375 g – romaine lettuce, cocoa powder, stainless steel (sponge), plastic sealed concrete (swab)	Refer to product literature

** N/A = Not available

#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated Matrices	Validated Test Portion Size
S013	Atlas <i>Salmonella</i> G2 Detection Assay	<i>Salmonella enterica</i> subspecies: <i>enterica</i> , <i>diarizonae</i> , <i>arizonae</i> , <i>houstenae</i> , <i>indica</i> , <i>salamae</i>	Roka Biosciences, Inc.	AOAC-PTM # 041303	Fresh raw ground beef (25g, 375g), fresh raw ground turkey (375g), cooked deli turkey (325g), romaine lettuce (375 g), oat cereal, environmental surfaces (stainless steel, plastic, sealed concrete), peanut butter, raw almonds, string cheese, milk chocolate, cocoa powder, raw cookie dough, soy flour, whey powder, tomatoes, instant non-fat dried milk, chicken carcass rinse, pasteurized dried whole egg	Refer to product literature
S014	BACGene <i>Salmonella</i> spp.	<i>Salmonella</i> spp.	Gold Standard Diagnostics Freiburg	AFNOR # EGS 38/01 - 03/15	All human food products, feed products, pet foods (375g), production environmental samples, milk powders and infant formula without probiotics (50g-375g)	Refer to product literature
S015	BACGENE GO <i>Salmonella</i>	<i>Salmonella</i> spp.	Gold Standard Diagnostics Freiburg	AOAC-PTM # 112402	Tabbouleh salad, raw ground beef, raw milk, bagged washed lettuce, infant formula with probiotics, stainless steel (1" x 1") and ceramic (4" x 4") surfaces	
S016	BACGene <i>Salmonella</i> spp.	<i>Salmonella</i> spp.	Gold Standard Diagnostics Freiburg	AOAC-PTM # 121501	fresh raw ground beef (15% fat, 25 g), frozen spinach (25 g), pasteurized whole liquid egg (25 mL), frozen cod fillet (25 g), raw whole milk (25 mL), dog pâté (composed of beef meat and animal by-products, cereals, carrots and vegetable bi-products, 375 g), dry dog pellets (25 g), infant formula milk powder supplemented with probiotics (<i>Bifidus lactis</i>) (375 g), process water from scalding tank (25 ml), and stainless steel environmental surface (1" x 1" area), cocoa butter (375 g), cocoa liquor (375 g), cocoa powder (375 g), milk chocolate (375 g), raw ground beef (375 g), raw ground pork (250 g), marinated raw chicken with brine (250 g), cotton swabs for swabbing 100 cm ² of pork carcasses, ice cream (25 g), dry pet food (375 g), ceramic tiles (4"x4"),	Refer to product literature

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#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated Matrices	Validated Test Portion Size
S017	BACSpec <i>Salmonella</i> 2	<i>Salmonella</i> spp.	Gold Standard Diagnostics Freiburg	AOAC-PTM # 111903	Mayonnaise-based vegetable salad, ground beef (fat content approx 20%), raw milk (fat content approx 4%), fresh spinach, pasteurized liquid egg, dry pet food, stainless steel (304L) surface (1"x1"), sealed ceramic tile surface (4'x4')	Refer to product literature
S018	BACSpec <i>Salmonella</i> 2	<i>Salmonella</i> spp.	Gold Standard Diagnostics Freiburg	AFNOR # EGS 38/07 - 12/20	All human food products (by performing validation assays on a broad range of foods), feed products and industrial production environmental samples	Refer to product literature
S019	BAX System PCR Assay for <i>Salmonella</i> PCR (Classic + Q7 Instruments)	<i>Salmonella</i> spp.	Hygenia	NordVal # 030	Dairy products, meat, fish, vegetables, pastries, egg products, ready to eat meals, animal feed, and environmental samples	25g
S020	BAX System PCR Assay <i>Salmonella</i> spp.	<i>Salmonella</i> spp.	Hygenia	AFNOR # QUA 18/03-11/02	All human food products (by performing validation assays on a broad range of foods), feed products and industrial production environmental samples.	Refer to product literature
S021	BAX System PCR Assay for <i>Salmonella</i> 2 BAX System X5 PCR Assay for <i>Salmonella</i>	<i>Salmonella</i> spp.	Hygiena	AOAC-PTM # 100201	Milk (2%), custard, nonfat dry milk, liquid egg, chipped ham, cooked chicken, hot dogs, ground beef, cooked fish, prawns, frozen peas, orange juice, peanut butter, alfalfa sprouts, black pepper, dry pet food, chilled ready-meal, chocolate, elbow macaroni, pizza dough, isolated soy protein, spinach, lettuce (4 x4 in sponge) concrete, stainless steel, ceramic tile, plastic, epoxy material affixed to a support matrix	25g
S022	BAX® System <i>Salmonella</i>	<i>Salmonella</i> spp.	DuPont Qualicon (DuPont Nutrition & Health Diagnostics)	AOAC-OMA # 2003.09	Frankfurters, raw ground beef, raw ground chicken, mozzarella cheese, raw frozen tilapia fish, and orange juice	25g
S023	BAX System Real-Time PCR Assay for <i>Salmonella</i>	<i>Salmonella</i>	Hygiena	AOAC-PTM # 081201	Raw ground beef (25g, 375g), chicken carcass rinse (30mL), cream cheese (25g), bagged lettuce (25g), raw comminuted chicken (325g), turkey (325g), dry pet food (375g), and stainless steel, dry pet food, milk chocolate, chocolate liquor, cocoa powder, shell egg, stainless steel, plastic	Refer to product literature

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#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated Matrices	Validated Test Portion Size
S024	BAX® System Real-Time PCR Assay for <i>Salmonella</i>	<i>Salmonella</i> spp.	DuPont Nutrition & Health Diagnostics	AOAC-OMA # 2013.02	Raw ground beef (25g and 375g), ground beef with soy (25g and 325g), beef trim (25g and 325g), frankfurters (325g), shrimp, ground turkey, chicken wings, poultry rinse (30mL), whole powdered (dried) eggs, shell eggs (1000mL), fresh bagged lettuce, frozen peas, orange juice (pasteurized; 25mL), cream cheese, nonfat dry milk, ice cream, peanut butter, cocoa, white pepper, milk-based infant formula (25mL), dry pet food (375g), and on stainless steel, ceramic tile, and plastic surfaces.	Refer to product literature
S025	BAX System Real-Time PCR Assay for <i>Salmonella</i> spp.	<i>Salmonella</i> spp.	Hygenia	AFNOR # QUA 18/08 - 03/15	Meat products (including raw beef), egg products, vegetables, seafood, and pet food	25g
S026	BioControl 1-2 TEST	Motile <i>Salmonella</i> spp.	BioControl Systems, Inc.	AOAC-OMA # 989.13	All foods	25g
S027	Bruker MALDI Biotyper Method	<i>Salmonella</i> spp., <i>Campylobacter</i> spp.	Bruker Daltonik GmbH, Bremen, Germany	AOAC-OMA # 2017.09	<i>Salmonella</i> spp., <i>Cronobacter</i> spp., <i>Campylobacter</i> spp., and other Gram-negative organisms	N/A
S028	BBL CHROMagar <i>Salmonella</i>	<i>Salmonella</i> spp.	BD Diagnostics	AOAC-PTM # 020502	Raw chicken, raw ground beef, raw fish, lettuce, and raw eggs	25g
S029	Check & Trace <i>Salmonella</i> (previously marketed as PremiTest <i>Salmonella</i>)	<i>Salmonella</i> spp.	Check-Points	AOAC-PTM # 121001	Pure cultures	N/A
S030	Check & Trace <i>Salmonella</i> 2.0	<i>Salmonella</i> spp.; typing of 59 serovars	Check-Points B.V.	MicroVal # 2021LR107	Confirmation of presumptive <i>Salmonella</i> isolated on non-selective NA and selective XLD agar and typing of 59 <i>Salmonella</i> serovars	Refer to product literature
S031	Check & Trace <i>Salmonella</i> 2.0	<i>Salmonella</i> spp.	Check-Points	AOAC-PTM # 072301	<i>Salmonella</i> ssp.	Refer to product literature
S032	Colorimetric GENE-TRAK <i>Salmonella</i> Assay	<i>Salmonella</i> spp.	GENE-TRAK Systems/Neogen Corp.	AOAC-OMA # 990.13	All foods	25g
S033	Compact Dry SL	<i>Salmonella</i> spp.	Shimadzu Diagnostics Corporation	MicroVal # 2022LR110	Environmental samples, Ready to eat and ready to reheat meat and poultry products, Eggs and egg products	Refer to product literature
S034	Crystal Diagnostics AutoXpress AXSALM Test Kit	<i>Salmonella</i> spp.	Crystal Diagnostics Corporation	AOAC-PTM # 051602	whole raw tomatoes, whole chicken rinsate, raw ground beef (325 g), raw beef trim (325 g), liquid whole eggs (100 g)	N/A
S035	Environmental Scrub Sampler with 10 mL Wide Spectrum Neutralizer	<i>Salmonella</i> spp. and <i>Listeria</i> spp.	Neogen	AOAC-PTM # 022104	Stainless steel, sealed concrete and plastic environmental surfaces 4"x4"	N/A
S036	EnviroX-F	<i>Salmonella</i> spp., <i>Listeria monocytogenes</i> , <i>Listeria</i> spp.	PathogenDx	AOAC-PTM # 092001	WorldBio PUR-Blue Swabs in 5 mL of Hi-Cap broth - Environmental Surface Swabs (4in x 4in): Stainless Steel, Plastic (polystyrene), Rubber, and Sealed Concrete	Refer to product literature

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#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated Matrices	Validated Test Portion Size
S037	foodproof Enterobacteriaceae plus <i>Salmonella</i> Detection Lyokit - 5'Nuclease	<i>Salmonella</i> spp.; Enterobacteriaceae	BIOTECN Diagnostics GmbH	MicroVal # 2020LR90	Infant cereals, Infant formula with or without probiotics and ingredients , Production environmental samples	Refer to product literature
S038	foodproof <i>Salmonella</i> Detection Kit and foodproof StarPrep One Kit or foodproof Magnetic Preparation Kit IV for DNA extraction	<i>Salmonella</i> spp.	BIOTECN Diagnostics GmbH	MicroVal # 2011LR39	Powdered infant formula, probiotic culture powders, ingredients	Refer to product literature
S039	foodproof <i>Salmonella</i> Detection Kit (liquid and lyophilized) with foodproof ShortPrep I Kit, foodproof StarPrep One Kit, or foodproof Magnetic Preparation Kit I with the foodproof RoboPrep Series	<i>Salmonella</i> spp.	Hygiena Diagnostics GmbH	AOAC-PTM # 120301	milk powder, ice cream, egg powder, chicken breast, minced meat, sliced sausage, sausage, smoked fish, watermelon, sliced cabbage, coconut, white pepper, cumin, wet pet food, dry pet food, dough, food dye, milk chocolate, cocoa powder, pasta, custard, chocolate ice cream, raw ground beef, mayonaisse, primary production samples (boot socks with environmental materials), pet food	25g
S040	foodproof <i>Salmonella</i> Genus plus Enteritidis and Typhimurium Detection LyoKit	<i>Salmonella</i> spp., <i>Salmonella</i> Enteritidis and <i>Salmonella</i> Typhimurium	Hygiena	NordVal # 055	raw and ready to cook meat and poultry products and environmental samples	Refer to product literature
S041	foodproof <i>Salmonella</i> spp. method 5'Nuclease or hybridization probes (liquid and lyophilized), automated protocol	<i>Salmonella</i> spp.	BIOTECN Diagnostics GmbH	MicroVal # 2011LR40	Meat and Meat products (raw beef meat 375g), Milk and dairy products, Egg products, Feed samples Liquid kit: chocolate and bakery products, meat and meat products, milk and dairy products, egg products, raw beef meat 375 g and feed samples Lyophilized kit: broad range of foods (chocolate and bakery products, meat and meat products, milk and dairy products, egg products, fish and seafood products) and feed samples	Refer to product literature
S042	foodproof <i>Salmonella</i> spp method and vetproof <i>Salmonella</i> spp.method, Manual protocol	<i>Salmonella</i> spp.	BIOTECN Diagnostics GmbH	MicroVal # 2011LR42	chocolate and bakery products, milk and dairy products, egg products, raw beef, fish and seafood products, feed, and primary production samples, raw beef meat (375g)	Refer to product literature
S043	GeneQuence® <i>Salmonella</i>	<i>Salmonella</i> spp.	Neogen Corporation	AOAC-OMA # 2007.02	Raw turkey, dried, liquid and liquid frozen pasteurized eggs, milk chocolate, and dry pet food	Refer to product literature
S044	GENE-UP <i>Salmonella</i> Enteritidis & <i>Salmonella</i> Typhimurium (SEST)	<i>Salmonella</i> Enteritidis & <i>Salmonella</i> Typhimurium	bioMérieux	AFNOR # BIO 12/44-02/23	Pork and poultry meat products and egg products	N/A

** N/A = Not available

#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated Matrices	Validated Test Portion Size
S045	GENE-UP <i>Salmonella</i>	<i>Salmonella</i> spp.	bioMérieux, sa	AFNOR # BIO 12/38 - 06/16	All human food products (by conducting validation assays on a broad range of foods), pet foods and industrial production environmental samples and primary production environmental samples (excluding drinking water)	25g
S046	GENE-UP® <i>Salmonella</i> (SLM) Test Method	<i>Salmonella</i> ssp.	bioMérieux, Inc.	AOAC-OMA # 2020.02	25 g test portions of fresh raw ground chicken, fresh raw chicken breast, fresh raw ground beef (80% lean), cooked ham, liquid whole egg, fresh raw fish, lettuce, creamy peanut butter, vanilla ice cream, dry pet food and milk chocolate; for 30 mL test portions of chicken carcass rinse; for 100 g test portions of pasteurized liquid eggs and powdered egg; for 375 g test portions of fresh raw ground beef (80% lean), raw beef trim, raw ground pork, raw ground bison, whey protein powder, dry pet food, creamy peanut butter, garlic powder, bulk bagged Romaine lettuce, dark chocolate and milk chocolate; for stainless steel environmental sponges	Refer to product literature
S047	GENE-UP <i>Salmonella</i> 2 (SLM 2) v3	<i>Salmonella</i> spp.	bioMérieux, s.a.	AOAC-PTM # 121802	liquid whole egg (25 g), cooked ham (25 g), raw ground beef (25 g), raw chicken (25 g), lettuce (25 g), chocolate (25 g), dry pet food (25 g, 375 g), Stainless steel (4 x 4 in sponge), Fresh raw ground beef 20% fat (25 g, 375 g), fresh raw chicken breast (25 g), fresh raw fish, creamy peanut butter (25 g, 375 g), vanilla ice cream (25 g), chicken carcass rinse (30 mL), raw ground chicken (25 g), Raw beef trim (375 g), raw ground pork (375 g), raw ground bison (375 g), pasteurized liquid egg (100 g), powdered egg (100 g), whey protein powder (375 g), dark chocolate (375 g), garlic powder (375 g), bulk bagged romaine lettuce (375 g), milk chocolate (NFDM with 0.1% brilliant green 25 g; 375 g), milk chocolate (NFDM, 25 g), dark chocolate (BPW at 36°C, 375g), dry dog kibble (375 g) turmeric powder (375 g), whole cannabis flower (10g, 1g), whole hemp flower (10g, 1g)	Refer to product literature

** N/A = Not available

#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated Matrices	Validated Test Portion Size
S048	GENE-UP enviroPRO	<i>Listeria species</i> , <i>Salmonella species</i>	Invisible Sentinel (a BioMerieux company)	AOAC-PTM # 061801	Stainless steel environmental surfaces (4x4" squares: stainless steel, sealed concrete, plastic), whey powder; Salmonella 375 g, Listeria 125 g - pea powder, cookie dough raw ground turkey (100 g), chicken carcass rinsate (40 ml), raw beef trim (100 g) carcass sampling cloth	Refer to product literature
S049	GENE-UP QUANT <i>Salmonella</i> v6	<i>Salmonella</i> spp.	Invisible Sentinel (a BioMerieux company)	AOAC-PTM # 082104	Raw ground turkey, chicken carcass rinsate, raw beef trim, carcass sampling cloth (MicroTally® or equivalent) quantitation of Salmonella as low as 1 CFU/g in breaded and stuffed raw chicken	Refer to product literature
S050	InSite Salmonella Environmental Salmonella Test	<i>Salmonella</i> spp.	Hygiena LLC	AOAC-PTM # 022302	stainless steel (12"x12" and 4"x4"), plastic, rubber, ceramic or sealed concrete surfaces (4"x4")	Refer to product literature
S051	iQ-Check <i>Salmonella</i> II Kit	<i>Salmonella</i> spp.	Bio-Rad Laboratories	AFNOR # BRD 07/06-07/04	All human and animal food products, production environment samples, and animal faeces and environmental samples from the primary production stage	25g
S052	InviScreen® Salmonella spp. Detection Kit	<i>Salmonella</i> spp.	ALS Life Sciences Portugal, S.A.	AOAC-PTM # 102401	Raw milk (25 mL), Raw ground beef 80% lean (25 g), Raw Ground turkey (25 g), Deli turkey (25 g), Cut cantaloupe (25 g), and Liquid pasteurized egg (25 mL)	25g/25mL

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#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated Matrices	Validated Test Portion Size
S053	iQ-Check <i>Salmonella</i> II Real-Time PCR	<i>Salmonella</i> spp.	Bio-Rad Laboratories	AOAC-PTM # 010803	cantaloupe (25 g), eggs (25 g), raw chicken (25g), raw ground chicken (375 g), raw beef (25 g), fresh raw ground beef (375 g), fresh raw beef trim (375 g), peanut butter (25 g), raw pork (25g), fresh spinach (25 g), fresh baby spinach (375 g), nonfat dry milk (375 g), whey powder (375 g), white chocolate (375 g), chocolate liquor (375 g), cannabis flower (>0.3% delta 9-tetrahydrocannabinol [THC]), ceramic (1x1 in), concrete (1x1 in), plastic (4x4 in), stainless steel (4x4 in), stainless steel (1x1 in environmental swabs with HICap Neutralizing Broth), dry dog food (25 g and 375 g), wet cat food, (25 g), ready-to-eat deli ham (375 g), milk chocolate (375 g), raw milk cheese (375 g), chicken carcass rinse (30 ml)	Refer to product literature
S054	iQ-Check <i>Salmonella</i> II Kit	<i>Salmonella</i> spp.	Bio-Rad Laboratories	NordVal # 038	Meat products, dairy products, fish-based and vegetable products, egg products, animal feed, and environmental samples	25g
S055	iQ-Check <i>Salmonella</i> II Real-Time PCR test kit	<i>Salmonella</i> spp.	Bio-Rad (Hercules, CA, USA)	AOAC-OMA # 2017.06	375 g test portions of raw ground chicken, ready-to-eat (RTE) deli ham, dry dog food, milk chocolate, raw milk cheese, to chicken carcass rinse (30 mL), to 25 g test portions of whole eggs, raw ground beef, raw ground chicken, cantaloupe, peanut butter, raw chicken breast, raw pork, fresh spinach, dry dog food, wet cat food, and to environmental samples from stainless steel, ceramic, plastic, and sealed concrete	Refer to product literature
S056	iQ-Check S. Enteritidis v2	S. Enteritidis	Bio-Rad Laboratories	AOAC-PTM # 081903	25 g - raw chicken breast with skin, raw chicken breast without skin, raw chicken breast without skin containing 2% w/w salt, raw chicken thigh with skin, raw chicken thigh without skin, environmental boot swabs, drag swabs	25g

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#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated Matrices	Validated Test Portion Size
S057	iQ-Check S. Typhimurium v2	S. Typhimurium	Bio-Rad Laboratories	AOAC-PTM # 081904	25 g - raw chicken breast with skin, raw chicken breast without skin, raw chicken breast without skin containing 2% w/w salt, raw chicken thigh with skin, raw chicken thigh without skin, environmental boot swabs, drag swabs	25g
S058	IRIS <i>Salmonella</i>	<i>Salmonella</i> spp.	SOLABIA SAS	AFNOR # BKR 23/07-10/11	All human food products, animal feeding stuffs and production environment samples (except primary production stage environment)	25g
S059	Kylt® <i>Salmonella</i> spp. 2.0	<i>Salmonella</i> spp.	SAN Group Biotech	MicroVal # 2017LR78	raw meat and ready to cook meat products, raw poultry and ready to cook poultry products, environmental samples, primary production samples	Refer to product literature
S060	LOCATE® <i>Salmonella</i> Assay Kit	<i>Salmonella</i> spp.	Rhone-Poulenc	AOAC-OMA # 997.16	All foods	25g
S061	MALDI Biotyper complete solution for the confirmation of <i>Salmonella</i> spp.	<i>Salmonella</i> spp.	Bruker Daltonik GmbH	MicroVal # 2017LR73	Only pure cultures/isolates	N/A
S062	Microbiologique <i>E. coli</i> O157, Stx-producing <i>E. coli</i> (STEC) with Intimin and <i>Salmonella</i> Test System	Stx-producing <i>E. coli</i> (STEC) (026, O45, O103, O111, O121 & O145) with intamin, <i>Salmonella</i>	Microbiologique, Inc.	AOAC-PTM # 100701	raw ground beef (25g), raw beef trim (25g), raw poultry (25g), RTE turkey (25g) mixed leafy greens (25g), raw ground beef (375g), raw ground beef tim (375g), raw poultry (375g), mixed leafy greens (125g)	Refer to product literature
S063	Microbiologique <i>Salmonella</i> IEH Test Kit	<i>Salmonella</i> spp.	Microbiologique, Inc.	NordVal # 056	raw and ready-to-eat meat products (e.g., meat cuts, Carpaccio), minced meat, meat preparations, fermented or dried meat (e.g., salami), egg products (e.g., heat processed yolk, egg white, whole egg liquids) with additives (salt or sugar <2%), dry (egg powder), environmental swabs, washing water, and process water	Refer to product literature
S064	Microgen GNA ID	<i>Salmonella</i> spp. & <i>E. coli</i>	Gold Standard Diagnostics Budapest Kft.	AOAC-PTM # 061101	isolated colonies on Cystine-lactose-electrolyte-deficient Agar	Refer to product literature
S065	MicroLab <i>Salmonella</i> spp.	<i>Salmonella</i> spp. O Group A-E	Zeulab S.L.	AOAC-PTM # 052401	Raw ground beef, pasteurized liquid egg, fresh cheese (queso fresco), raw turkey (thermal processed, marinated) and deli ham	25 g / 25 mL

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#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated Matrices	Validated Test Portion Size
S066	MicroSEQ® <i>Salmonella</i> spp.	<i>Salmonella</i> spp.	Life Technologies Corporation, Part of Thermo Fisher Scientific	AFNOR # ABI 29/02-09/10	All human food products (including meat products) and animal feeding stuffs, animal feces, and environmental samples from primary production stage	25g
S067	MicroSEQ <i>Salmonella</i> species Detection Kit	<i>Salmonella</i> spp.	Thermo Fisher Scientific	AOAC-PTM # 031001	Raw ground beef, raw chicken wings, raw shrimp, cantaloupe, brie, dry infant formula, chocolate, dry pet food, shell eggs, black pepper, peanut butter (25 g); stainless steel, sealed concrete, plastic, ceramic tile, rubber; 10-pooling <i>Salmonella</i> spp. for fresh diced tomatoes, chocolate, and deli ham; dry pet food (375 g)	Refer to product literature
S068	Molecular Detection Assay 2 (MDA 2 - SAL)	<i>Salmonella</i> spp.	Neogen	AOAC-PTM # 091501	Raw ground beef (73% lean, 25g & 325g), raw ground chicken (25g & 325g), chicken carcass rinse (30mL), chicken carcass sponge, pasteurized liquid whole egg (100g), cooked breaded chicken (325g), instant non-fat dry milk (25 g), black pepper (25 g), cocoa powder (25 g), raw whole shrimp (25 g), raw bagged spinach (25 g), creamy peanut butter (25g & 375g), dry dog food (25g & 375g), pasteurized processed American cheese (25 g), spent sprout irrigation water (375mL), and environmental surfaces sealed concrete (sponge, 225 mL enrichment broth), stainless steel (10 mL enrichment broth), and sealed ceramic tile (sponge, 50 mL enrichment broth), raw (whole head) shrimp (25 g)	Refer to product literature
S069	Neogen Molecular Detection Assay 2 - <i>Salmonella</i> Enteritidis/ <i>Salmonella</i> Typhimurium	<i>Salmonella enterica</i> subsp. enterica ser. Enteritidis, <i>Salmonella enterica</i> subsp. enterica ser. Typhimurium (including <i>S. enterica</i> I 4,[5],12:i:- variant)	Neogen	AOAC-PTM # 122302	Chicken carcass rinse (30 mL), raw ground chicken (325 g)	30mL, 325g

** N/A = Not available

#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated Matrices	Validated Test Portion Size
S070	Neogen Molecular Detection Assay 2 - <i>Salmonella</i>	<i>Salmonella</i> spp.	Neogen Food Safety Corp.	AFNOR # : 3M 01/16-11/16	All human food products (by performing validation assays on a broad range of foods), infant formula, infant cereals, dairy powders without probiotics (375 g test portion); infant formula, infant cereals with probiotics (375 g test portion); pet food products and animal feed products, primary and industrial production environmental samples.	25g
S071	Neogen Molecular Detection Assay 2 - <i>Salmonella</i> Method	<i>Salmonella</i> spp.	Neogen	AOAC-OMA # 2016.01	Raw ground beef (73% lean, 25g & 325g), raw ground chicken (25g & 325g), chicken carcass rinse (30mL), chicken carcass sponge, pasteurized liquid whole egg (100g), cooked breaded chicken (325g), instant non-fat dry milk, black pepper, cocoa powder, raw whole shrimp, raw bagged spinach, creamy peanut butter (25g & 375g), dry dog food (25g & 375g), pasteurized processed American cheese, spent sprout irrigation water (375mL), and environmental surfaces (sealed concrete, stainless steel, and sealed ceramic tile)	Refer to product literature
S072	Neogen Petrifilm™ <i>Salmonella</i> Express System	<i>Salmonella</i> spp.	Neogen	AOAC-OMA # 2014.01	Raw ground beef, raw ground chicken, pasteurized liquid whole egg (100g), raw ground pork, cooked chicken nuggets (325g), frozen uncooked shrimp, fresh bunched spinach, dry dog food (375g), and stainless steel	Refer to product literature
S073	N-Light <i>Salmonella</i> Risk	<i>Salmonella</i> spp.	NEMIS Technologies AG	AOAC-PTM # 072204	Stainless steel (AISI 304, grade 2b finish), plastic (polystyrene), ceramic (glazed earthen), 1" x 1" test areas	Refer to product literature
S074	One Broth One Plate for <i>Salmonella</i> (OBOP-S)	<i>Salmonella</i> spp.	Neogen	MicroVal # 2019LR88	Environmental samples, Feed samples, A broad range of foods	Refer to product literature
S075	One Broth One Plate <i>Salmonella</i> (OBOP <i>Salmonella</i>)	<i>Salmonella enterica</i> , <i>bongori</i>	Neogen	AOAC-PTM # 102002	Raw ground turkey (25 g) chicken carcass rinse (whole carcass), pasteurized liquid egg (100 g), queso fresco (25 g), smoked salmon (25 g), cantalope (25 g), dry pet food (25 g and 375 g), chocolate (25 g and 325 g), black pepper (25 g), chili powder (25 g), sponge samples from stainless steel surfaces (4in x 4in)	Refer to product literature
S076	Pathatrix® Auto <i>Salmonella</i> spp Kit Linked to Selective Agar Detection	<i>Salmonella</i> spp.	Life Technologies Corporation, Part of Thermo Fisher Scientific	AFNOR # ABI 29/06-11/13	Cooked meat products and raw beef meat, heat treated milk and dairy products	N/A
S077	Pathatrix Auto <i>Salmonella</i> spp. Kit Linked to MicroSEQ® <i>Salmonella</i> spp. Detection Kit	<i>Salmonella</i> spp.	Life Technologies Corporation, Part of Thermo Fisher Scientific	AFNOR # ABI 29/07-11/13	Cooked meat products and raw beef meat, heat treated milk and dairy products	Refer to product literature

** N/A = Not available

#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated Matrices	Validated Test Portion Size
S078	PATHATRIX Pooling System for <i>Salmonella</i> species	<i>Salmonella</i> spp.	Life Technologies (Part of Thermo Fisher Scientific)	AOAC-PTM # 090203C	Raw ground chicken, pasteurized liquid egg, raw ground beef, cooked sliced ham, milk powder, orange juice, black ground pepper, chocolate, soft cheese, produce, raw fish, lasagna (ready meal), cooked ham, raw whole egg, chocolate, milk powder, frozen prawns	Refer to product literature
S079	Pathotec Cytochrome Oxidase Test MICRO-ID® Identification Kit	<i>Salmonella</i> spp., <i>E. coli</i> , and other Enterobacteriaceae	Remel	AOAC-OMA # 989.12	N/A	Refer to product literature
S080	Pathotrak Next Generation Enrichment	<i>Salmonella</i> spp. and Shiga toxin producing <i>Escherichia coli</i> (STEC)	Pathotrak, Inc.	AOAC-PTM # 022204	Romaine hearts 375g & 1,500g, beef trim sampling cloths	Refer to product literature
S081	Petrifilm <i>Salmonella</i> Express (SALX) System	<i>Salmonella</i> spp.	Neogen	AOAC-PTM # 061301	Raw ground beef, raw ground pork, raw ground chicken, cooked chicken nuggets (325g), pasteurized liquid whole egg (100g), frozen uncooked shrimp, fresh bunched spinach, dry dog food (375g), stainless steel (sponge)	Refer to product literature
S082	PhageDx <i>Salmonella</i> Assay	<i>Salmonella</i> spp.	Laboratory Corporation of America	AOAC-PTM # 121904	Raw ground turkey (26 g), powdered infant formula (100 g)	Refer to product literature
S083	QFast <i>Salmonella</i>	<i>Salmonella</i> spp.	iMICROQ, S.L.	AENOR # B59/000001	Veterinary samples originating from the poultry industry. Samples of animal food. Environmental samples originating from primary production (poultry industry). General Food: fruits and vegetables, dairy products and various products, including spices, mayonnaise and eggs; and meat	25 g
S084	QFast <i>Salmonella</i> Easy	<i>Salmonella</i> spp.	iMICROQ, S.L.	AENOR # B59/000002	Animal feed samples, Veterinary samples (faeces, shoe covers, necks), Environmental samples originating from primary production (poultry industry), General Food: fruits and vegetables, dairy products and various products, including spices, mayonnaise and eggs; and meat.	25 g
S085	mericon <i>Salmonella</i> spp. Kit	<i>Salmonella</i> spp.	Qiagen GmbH	AOAC-PTM # 071204	Fresh raw ground beef (25g), chicken carcass rinses, creamy non-organic peanut butter, fresh spinach, pasteurized whole milk, instant nonfat dry milk, milk chocolate, shell eggs	Refer to product literature

** N/A = Not available

#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated Matrices	Validated Test Portion Size
S086	RAPID' <i>Salmonella</i>	<i>Salmonella</i> spp.	Bio-Rad Laboratories	AFNOR # BRD 07/11-12/05	All human and animal food products and environmental samples (excluding those from primary production environment)	25g
S087	RAPID' <i>Salmonella</i>	<i>Salmonella</i> spp.	Bio-Rad Laboratories	AOAC-PTM # 050701	Raw chicken breast, eggs, cantaloupe, and peanut butter	25g
S088	RAPID' <i>Salmonella</i>	<i>Salmonella</i> spp.	Bio-Rad Laboratories	NordVal # 032	Foods, animal feeds, and environmental samples	25g
S089	RapidChek SELECT <i>Salmonella</i> Test	<i>Salmonella</i> spp.	Romer Labs, Inc.	AOAC-PTM # 080601	Liquid eggs, raw ground beef, raw ground chicken, chicken carcass rinsates (30ml), sliced cooked turkey, and environmental surfaces painted concrete (1x1 in), plastic (4x4 in), rubber (4x4 in), stainless steel 4x4 in, 12x12 in), ground beef (375g)	25g except where noted in "Validated Matrices"
S090	RapidChek SELECT <i>Salmonella</i> Enteritidis Test System & RapidChek CONFIRM <i>Salmonella</i> Enteritidis Immunomagnetic Separation (IMS) Kit	<i>Salmonella</i> Enteritidis and other D1 serovars	Romer Labs, Inc.	AOAC-PTM # 111002	Poultry house environmental drag swabs, egg pools, chicken carcass rinsates	Refer to product literature
S091	RealPCR* <i>Salmonella</i> spp. DNA Test	<i>Salmonella</i> spp.	IDEXX Laboratories, Inc.	AFNOR # IDX-33/10-12/22	Raw poultry meats, industrial poultry production environmental samples and poultry environmental primary samples.	Refer to product literature
S092	Reveal <i>Salmonella</i> 2.0	Detection of <i>Salmonella</i> belonging to group A (except <i>Salmonella Paratyphi</i> A) through group E	Neogen Corporation	AFNOR # NEO 35/01-10/11	Meat products, dairy products (except milk powders, egg products, seafood and vegetables (except dehydrated products)	25g
S093	Reveal 2.0 for <i>Salmonella</i> Test System	<i>Salmonella enterica</i> of serogroups A-E	Neogen	AOAC-PTM # 960801	raw ground beef, raw ground chicken, raw ground sausage, raw ground pork, cooked chicken, beef skin, pork skin, chicken rinse water, pickled crab meat, shrimp, fishmeal, liquid eggs, poultry feed, powdered milk, soybean meal, frozen whole eggs, chicken carcass rinse, raw ground turkey, raw ground beef, hot dogs, raw shrimp, ready-to-eat meal product, dry pet food, icecream, spinach, cantaloupe, peanut butter, sprout irrigation water, stainless steel	Refer to product literature
S094	Reveal 2.0 Group D1 <i>Salmonella</i> (including <i>Salmonella</i> Enteritidis)	Group D1 <i>Salmonella</i>	Neogen	AOAC-PTM # 041602	Raw shell eggs (20 shells), poultry feed (25g), chicken carcass rinse (30ml)	25g

** N/A = Not available

#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated Matrices	Validated Test Portion Size
S095	SALMA One Day	<i>Salmonella</i> spp.	bioMérieux	AFNOR # BIO 12/41-03/17	All human food products (by performing validation assays on a broad range of foods), feed products and production environmental samples and surface areas (excluding environment from primary production stage)	25g
S096	Salmonella in Foods: Immuno-Concentration Salmonella (ICS) and Selective Plate (HE BS SMID) Procedure Screening Method	<i>Salmonella</i> spp.	bioMérieux	AOAC-OMA 2001.07	nonfat dry milk, cheese powder, pecans, roast beef, shrimp, fish, peanut butter, pork, casein, cocoa powder, soy flour, dry pasta, egg powder, chocolate, black pepper, gelatin, meat and bone meal, cauliflower, orange juice, turkey, and pork sausage	
S097	<i>Salmonella</i> PRECIS™	<i>Salmonella</i> spp.	OXOID Ltd	AFNOR # UNI 03/06-12/07	All human and animal food products and environmental samples (excluding breeding samples)	25g
S098	<i>Salmonella</i> Rapid Culture Method using ONE Broth <i>Salmonella</i> & Brilliance <i>Salmonella</i>	<i>Salmonella</i> spp.	Thermo Fisher Scientific	AOAC-PTM # 120802	Ground beef, ground chicken, lettuce, shrimp & shell eggs	25g
S099	<i>Salmonella</i> -Tek ELISA Test System	<i>Salmonella</i> spp.	Organon Teknika Corp.	AOAC-OMA # 993.08	All foods	25g
S100	<i>Salmonella</i> -Tek Screen Kit	<i>Salmonella</i> spp.	Organon Teknika Corp.	AOAC-OMA # 986.35	All foods	25g
S101	<i>Salmonella</i> -Tek Screen Kit	<i>Salmonella</i> spp.	Organon Teknika Corp.	AOAC-OMA # 987.11	All foods other than raw foods or foods with a high microbial load	25g
S102	<i>Salmonella</i> Velox spp. And <i>Salmonella</i> Velox SE + ST	<i>Salmonella</i> spp.	DNA Diagnostic A/S	NordVal # 046	raw meat (25-125g), chicken, fish and seafood, minced meat (25-100g)	Refer to product literature
S103	SESAME <i>Salmonella</i> Test	<i>Salmonella</i> spp.	SOLABIA SAS	AFNOR # BKR 23/04-12/07	All human and animal food products and environmental samples (with the exception of environment of primary production stage)	25g
S104	Simple Method for <i>Salmonella</i> (SMS)	<i>Salmonella</i> spp.	bioMérieux	AFNOR # AES 10/04-05/04	All food products, animal feed and environmental samples (excluding rearing environment)	25g
S105	Simultaneous Multiplex Real Time PCR (SIMUL-qPCR) <i>Salmonella</i> Assay	<i>Salmonella</i> spp.	Applied Food Diagnostics	AOAC-PTM # 042001	Raw beef trim (375g, 80% lean), raw ground beef (375g, 80% lean), raw ground poultry (375g), ready-to-eat cooked poultry (375g), pasteurized liquid eggs (100g), frankfurters/sausages (25g), poultry carcass rinses, dry pet food (375g), peanut butter (25g), stainless steel (4"x4", 1"x1"), plastic (1"x1"), rubber (1"x1"), ceramic tile (1"x1"), and sealed concrete (1"x1")	Refer to product literature

** N/A = Not available

#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated Matrices	Validated Test Portion Size
S106	Molecular Environmental Monitoring Program (MEMP) Salmonella Assay	<i>Salmonella</i> spp.	Applied Food Diagnostics	AOAC-PTM # 042002	Stainless steel (1"x1"), plastic (1"x1"), rubber (1"x1"), ceramic tile (1"x1"), and sealed concrete (1"x1")	Refer to product literature
S107	Singlepath <i>Salmonella</i>	<i>Salmonella</i> spp.	Merck KGaA	AOAC-PTM # 060401	Dried skimmed milk, black pepper, dry pet food, desiccated coconut, cooked peeled frozen prawns , raw ground beef, raw ground turkey	25g
S108	SMARTCHEK Salmonella spp. Detection Kit for GENECHECKER UF-300 Real-Time PCR System	<i>Salmonella</i> spp.	Genesystems Co. Ltd.	AOAC-PTM # 032102	Liquid whole egg, raw ground chicken, chicken carcass rinsate, peanut butter and bagged romaine lettuce	Refer to product literature
S109	Solus <i>Salmonella</i> ELISA	<i>Salmonella</i> spp.	Solus Scientific (part of PerkinElmer Inc.)	AFNOR # SOL 37/01-06/13	All human and food products (by performing validation assays on a broad range of foods), feed products and production environmental samples(excluding primary production environmental samples.)	N/A
S110	Solus One <i>Salmonella</i>	<i>Salmonella</i> species (<i>Salmonella enterica</i> and <i>Salmonella bongori</i> , and <i>Salmonella</i> subspecies)	Solus Scientific	AOAC-PTM # 101801	USDA MLG 4.09 – raw beef trim (30% fat content, 375 g), pasteurized liquid egg (100 g), stainless steel (18 gauge: 304 food grade with a brushed finish) and plastic (polystyrene) environmental surface	Refer to product literature
S111	Solus One <i>Salmonella</i> ELISA	<i>Salmonella</i> spp.	Solus Scientific (part of PerkinElmer Inc.)	AFNOR # SOL 37/04-12/18	Ready-to-eat and ready-to-reheat (excluding smoked products), heat processed milk and dairy products, and egg products	N/A
S112	Solus Scientific <i>Salmonella</i> ELISA	<i>Salmonella</i> spp.	Solus Scientific	AOAC-PTM # 051601	Raw chicken breast, raw salmon filet, bagged romaine lettuce, shredded cheddar cheese, instant non-fat dry milk, shell eggs, raw beef trim (375g), stainless steel environmental surface (swab, 1 x 1 in), polystyrene, environmental surface (sponge, 4 x 4 in)	Refer to product literature
S113	Solus One <i>Salmonella</i>	<i>Salmonella</i> ssp.	Solus Scientific	AOAC-OMA # 2020.03	Raw beef trim (375 g), instant nonfat dry milk powder (NFDM; 375 g), pasteurized liquid egg (100 g), raw salmon (25 g), cheddar cheese (25 g), romaine lettuce (25 g), honey mustard onion season (375 g), flavored ranch seasoning (375 g), cinnamon powder (25 g), paprika powder (25 g), and whole black peppercorns (25 g) and two environmental surfaces (stainless steel: sponges and polystyrene: swabs).	Refer to product literature

** N/A = Not available

#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated Matrices	Validated Test Portion Size
S114	SureFast Salmonella PLUS v2	<i>Salmonella</i> spp.	CONGEN Biotechnologie GmbH	AOAC-PTM # 041103	25 g - salami, pork minced meat, bacon, fresh ground chicken, fresh chicken carcass, frozen marinated chicken fillets, semi-skim milk powder, raw goat milk cheese, chocolate ice cream, salad with mayonnaise, paella, cream-based pastry, dehydrated poultry proteins, wheat-based flour, pet food pellets, raw ground beef frozen poultry meat, raw milk, fresh spinach, pasteurized liquid whole egg, pet food pellets	25g
S115	SureFast <i>Salmonella</i> ONE v2	<i>Salmonella</i> species	Congen Biotechnologie GmbH	AOAC-PTM # 081803	25g - salami, pork minced meat, bacon, fresh ground chicken, fresh chicken carcass, frozen marinated chicken fillets, semi-skim milk powder, raw goat milk cheese, chocolate ice cream, salad with mayonnaise, paella, cream-based pastry, dehydrated poultry proteins, wheat-based flour, pet food pellets, raw ground beef, frozen poultry meat, raw milk, fresh spinach, pasteurized liquid whole egg, pet food pellets	Refer to product literature
S116	SureFast <i>Salmonella</i> ONE	<i>Salmonella</i> spp.	CONGEN Biotechnologie GMBH	MicroVal # 2014LR43	A broad range of foods (poultry meat, meat products, dairy products, vegetables, (excluding sprouts) egg products, and feed)	Refer to product literature
S117	SureTect Salmonella Species PCR Assay	<i>Salmonella</i> spp.	Thermo Fisher Scientific	MicroVal # 2022LR111	broad range of foods and environmental samples	Refer to product literature
S118	TAAG F41 VIP - <i>Listeria monocytogenes</i> , <i>Salmonella</i> spp., <i>Escherichia coli</i> and <i>Staphylococcus aureus</i>	<i>L. monocytogenes</i> , <i>Salmonella</i> spp., <i>S. aureus</i> , and generic <i>E. coli</i>	TAAG Genetics, S.A.	AOAC-PTM # 072101	Environmental surface:18 GA 300 series, brushed finish, NSF certified stainless steel (100 cm ² test area) and pasteurized 2% fat liquid milk (25 ml)	Refer to product literature

** N/A = Not available

#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated Matrices	Validated Test Portion Size
S119	Thermo Scientific SureCount Salmonella species, Typhimurium and Enteritidis Multiplex PCR Kit and SureCount MPN	<i>Salmonella</i> spp., <i>Salmonella</i> ser. Typhimurium, and <i>Salmonella</i> ser. Enteritidis	Oxoid Ltd part of Thermo Fischer Scientific	AOAC-PTM # 072302	fresh raw ground turkey (325 g), chicken carcass rinse, fresh raw ground beef (325 g), fresh raw ground pork (325 g)	Refer to product literature
S120	Thermo Scientific RapidFinder <i>Salmonella</i> species, Typhimurium and Enteritidis Multiplex PCR Kit	<i>Salmonella</i> spp., <i>S. Typhimurium</i> and <i>S. Enteritidis</i>	Oxoid Ltd, Part of Thermo Fisher Scientific	AFNOR # UNI 03/12-01/18	Raw pork and raw poultry meat, ready-to-eat and ready-to-reheat pork and poultrymeats and production environmental samples (excluding environment from primary production).	N/A
S121	Thermo Scientific RapidFinder <i>Salmonella</i> species, Typhimurium and Enteritidis Multiplex PCR Kit	<i>Salmonella</i> species, <i>Salmonella</i> ser. Typhimurium and <i>Salmonella</i> ser. Enteritidis	Oxoid Ltd. Part of Thermo Fisher Scientific	AOAC-PTM # 081701	(25 g) Raw chicken thighs with skin, raw chicken wings with skin, chicken nuggets, raw pork sausage, stainless steel environmental surface (4in x 4in sponge), raw ground turkey (375g), chicken carcass rinse, shell eggs	Refer to product literature
S122	Thermo Scientific SureTect <i>Salmonella</i> species PCR Assay	<i>Salmonella</i> spp.	Oxoid Ltd. Part of Thermo Fisher Scientific	AOAC-PTM # 051303 AOAC-OMA # 2021.02	(25 g; 1:10) Raw, ground: beef, pork frankfurters, raw chicken breast, bagged lettuce, non-fat dried milk powder, cooked shrimp, chilled ready-to-eat dinner, pasteurized liquid whole egg and stainless steel (4in x 4in, sponge), wet cat food, dry dog food, pasteurized 2% milk, bean sprouts, cantaloupe, chilled pizza dough, black peppercorns, peanut butter, ice cream, plastic surface, dark chocolate (85% cocoa solids), 20% fat raw ground beef (375g)	Refer to product literature
S123	Thermo Scientific SureTect <i>Salmonella</i> species PCR Assay	<i>Salmonella</i> spp.	OXOID Ltd, Part of Thermo Fisher Scientific	AFNOR # UNI 03/07-11/13	Non-seasoned raw ground beef meat	25g
S124	TRANSIA PLATE <i>Salmonella</i> Gold	<i>Salmonella</i> spp.	Millipore Sigma	AFNOR # TRA 02/08-03/01	Food, animal feeding stuffs and environmental samples (excluding breeding samples)	25g

** N/A = Not available

#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated Matrices	Validated Test Portion Size
S125	Transia Plate <i>Salmonella</i> Gold	<i>Salmonella</i> spp.	BioControl Systems, Inc. / Millipore Sigma	AOAC-PTM # 010602	Cooked chicken, raw milk, cantaloupe, sausages, raw shrimps, yogurt, mayonnaise, shell eggs, frozen berries, currants, bean sprouts, raw ground beef, smoked fish (trout), fresh pasta, milk chocolate, ground black pepper, cake mix, dry milk-based infant formula, dry cat food, raw ground turkey, brie cheese	25g
S126	VETPOD Sal-LAMP kit for detection of <i>Salmonella</i> spp. in meat	<i>Salmonella</i> spp.	DNA Diagnostic A/S	NordVal # 57	raw meat and ready-to-cook meat products and raw poultry and ready-to-cook poultry products	N/A
S127	vetproof <i>Salmonella</i> Species qPCR kit	<i>Salmonella</i> spp.	BIOCHEK B.V.	AFNOR # : BCK 40/01-07/19	Ready-to-eat and ready-to-reheat foods, meat products, ingredients and specific foods, feed products, industrial production environmental samples and primary production environmental samples	N/A
S128	VIDAS Easy <i>Salmonella</i>	<i>Salmonella</i> spp.	bioMérieux, sa	AFNOR # BIO 12/16-09/05	All human and animal food products and environmental samples (except stock farming environment)	25g
S129	VIDAS <i>Salmonella</i> - Dual selective enrichment	<i>Salmonella</i> spp.	bioMérieux, sa	AFNOR # BIO 12/01-04/94	All human food products and pet food	25g
S130	VIDAS <i>Salmonella</i> - Single selective enrichment	<i>Salmonella</i> spp.	bioMérieux, sa	AFNOR # BIO 12/10-09/02	All human food products and pet food	25g
S131	VIDAS® <i>Salmonella</i> (SLM) Assay Kit	<i>Salmonella</i> spp.	bioMérieux, Inc.	AOAC-OMA # 2004.03	milk chocolate, dried whole egg, nonfat dry milk, sow flour, raw turkey, raw pork, raw peeled shrimp, lactic casein	25g
S132	VIDAS® <i>Salmonella</i> (SLM) Assay	<i>Salmonella</i> spp.	bioMerieux Vitek, Inc.	AOAC-OMA # 996.08	All foods	25g
S133	VIDAS® <i>Salmonella</i> (SLM) Easy <i>Salmonella</i>	<i>Salmonella</i> spp.	bioMérieux, sa	AOAC-OMA # 2011.03	Liquid egg, vanilla ice cream, spinach (frozen and fresh), raw shrimp, peanut butter, deli turkey, roast beef, raw ground pork, turkey, pork sausage, raw chicken breast, dry pet food, moist pet food, whole milk, raw cod, spent irrigation water, pecans, dry pasta, cake mix, ground black pepper, non-fat dry milk, dried egg yolk, dark chocolate, cantaloupe, and orange juice	Sample preparation and enrichment as per FSIS MLG Ch. 4 or FDA BAM Ch. 5
S134	VIDAS® Immuno-Concentration <i>Salmonella</i> (ICS) Kit	<i>Salmonella</i> spp.	bioMérieux, sa	AOAC-OMA # 2001.07	All foods	25g
S135	VIDAS® Immuno-Concentration <i>Salmonella</i> (ICS) Kit and Selective Plate (HE BS XLD) Screening	<i>Salmonella</i> spp.	bioMérieux, sa	AOAC-OMA # 2001.08	All foods	25g
S136	VIDAS® Immuno-Concentration <i>Salmonella</i> (ICS) Kit and Selective Plate (HE BS XLD) Screening <i>Salmonella</i> (SLM) Enzyme-Linked Immunofluorescent Assay (ELEA)	<i>Salmonella</i> spp.	bioMérieux, sa	AOAC-OMA # 2001.09	All foods	25g

** N/A = Not available

#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated Matrices	Validated Test Portion Size
S137	VIDAS Up <i>Salmonella</i>	<i>Salmonella</i> spp.	bioMérieux, sa	AFNOR # BIO 12/32-10/11	All human food products (except raw milk cheese), animal feeding stuffs and production environmental samples (except samples of primary production stage)	25g
S138	VIDAS® UP <i>Salmonella</i> (SPT)	<i>Salmonella</i> spp.	bioMérieux, sa	AOAC-OMA # 2013.01	Raw ground beef (25 and 375 g), processed American cheese (25 g), deli roast beef (25 g), liquid egg (25 g), peanut butter (25 g), vanilla ice cream (25 g), cooked shrimp (25 g), raw cod (25 g), bagged lettuce (25 and 375 g), dark chocolate (375 g), powdered eggs (25 g), instant nonfat dry milk (25 and 375 g), ground black pepper (25 g), dry dog food (375 g), raw ground turkey (375 g), almonds (375 g), chicken carcass rinsates (30 mL), and stainless steel, plastic, and ceramic environmental surface.	Refer to product literature
S139	VIP Gold for <i>Salmonella</i> Assay	<i>Salmonella</i> spp.	BioControl Systems, Inc.	AOAC-OMA # 999.09	All foods	25g
S140	Veriflow <i>Salmonella</i> spp. (SS)	<i>Salmonella</i> spp.	bioMérieux, sa	AOAC-PTM # 011404	beef hot dogs,raw ground beef,chicken carcass rinse,pasteurized milk,stainless steel,sealed concrete, ceramic tile plastic,peanut butter,ground black pepper, whey protein isolate powder	Refer to product literature
S141	VIP Gold <i>Salmonella</i>	<i>Salmonella</i> spp.	BioControl Systems, Inc.	AOAC-PTM # 031801	raw spinach, raw fresh pasta noodles, raw almonds, stainless steel, plastic sealed concrete, chicken carcass rinsate, ready-to-eat poultry, roast beef	Refer to product literature
S142	Vitek GNI+ Screening System	<i>Salmonella</i> spp. and other Enterobacteriaceae	bioMérieux, sa	AOAC-OMA # 991.13	N/A	Refer to product literature
S143	Vitek® 2 Gram-Negative (GN) Biochemical Identification System	Gram-negative bacteria	bioMérieux, Inc.	AOAC-OMA # 2011.17	N/A	Refer to product literature

** N/A = Not available

Foodborne Pathogen Test Kits Validated by Independent Organizations (updated Apr 14, 2025)

FSIS is making available a list of test kits that have been validated for detection of relevant foodborne pathogens (i.e., *Salmonella*, *Campylobacter*, *Listeria* spp. including *L. monocytogenes*, *E. coli* O157:H7 and non-O157 STEC). The list is intended to be informational and is not an endorsement or approval of any specific test kit, regardless of its inclusion in the list.

FSIS does not specifically endorse any of the mentioned test kits or products and acknowledges that equivalent test kits or products may be available for laboratory use. Likewise, FSIS does not require the use of any specific test kit, including those incorporated into FSIS's Microbiology Laboratory Guidebook methods. Instead, establishments and laboratories should choose test kits that are:

1) Validated for testing relevant foods by a:

- a) Recognized independent body (i.e., AOAC, AFNOR, MicroVal, NordVal),
- b) U.S. regulatory body (i.e., FSIS MLG or FDA BAM), or
- c) International Organization for Standardization (ISO) process

2) In addition, the validated method should be:

- a) Fit for the intended purpose and application (e.g., validated for the appropriate matrix and sample size to detect the appropriate foodborne pathogen), and
- b) Performed per the conditions of the validated protocol by a laboratory that assures the quality of the analytical results.

The table below contains a list of foodborne pathogen test kits that are validated by recognized independent organizations (i.e., AOAC, AFNOR, MicroVal, NordVal) and therefore meet criterion 1a above. However, the test kits in this list are not necessarily equivalent or appropriate for all testing applications.

FSIS intends to update validated test kit lists on a quarterly basis.

#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated Matrices	Validated Test Portion Size
C001	ANSR for <i>Campylobacter</i>	<i>Campylobacter jejuni</i> ; <i>Campylobacter coli</i> ; <i>Campylobacter lari</i>	Neogen	AOAC-PTM # 071601	chicken carcass rinse and turkey carcass sponge	Refer to product literature
C002	Atlas <i>Campylobacter</i> Detection Assay	<i>Campylobacter jejuni</i> , <i>C. lari</i> and <i>C. coli</i>	RokaBio, Inc.	AOAC-PTM # 032101	chicken carcass rinses, turkey carcass sponge, raw ground poultry (25 g, mix of ground chicken 50% and ground turkey 50%), ready to eat (RTE) meat samples (25 g, mix of RTE poultry 50% and RTE pork 50%)	Refer to product literature
C003	BAX® System Real-Time PCR Assay for <i>Campylobacter jejuni</i> , <i>coli</i> , and <i>lari</i>	<i>Campylobacter jejuni</i> ; <i>Campylobacter coli</i> ; <i>Campylobacter lari</i>	Qualicon Diagnostics LLC, a Hygiena Company	AOAC-PTM # 040702	Ready-to-eat turkey product & chicken carcass rinses	25g, 30mL
C004	Brilliance™ CampyCount Agar	<i>Campylobacter</i> spp.	Thermo Fisher Scientific	MicroVal # 2008LR12	Poultry products	Refer to product literature
C005	Bruker MALDI Biotyper Method	<i>Salmonella</i> spp., <i>Campylobacter</i> spp.	Bruker Daltonik GmbH, Bremen, Germany	AOAC-OMA # 2017.09	Only pure cultures/isolates	Refer to product literature

** N/A = Not available

#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated Matrices	Validated Test Portion Size
C006	CampyFood Agar (CFA)	<i>Campylobacter</i> spp.	bioMérieux	AFNOR # BIO 12/30-05/10	Meat products and production environment samples	25g
C007	CampyFood® agar method	<i>Campylobacter</i> spp.	bioMérieux	MicroVal # 2009LR28	Poultry products, meat products, environmental samples	25g
C008	GENE-UP <i>Campylobacter</i> (CAM)	<i>Campylobacter jejuni</i> , <i>C. lari</i> and <i>C. coli</i>	Invisible Sentinel, Inc. (bioMérieux)	AOAC-PTM # 012202	raw ground chicken (25 g), raw poultry parts rinse (30 ml), chicken carcass rinsate (30 ml), poultry carcass sponges	Refer to product literature
C009	iQ-Check <i>Campylobacter</i> Real-Time PCR	<i>Campylobacter jejuni</i> ; <i>Campylobacter coli</i> ; <i>Campylobacter lari</i>	Bio-Rad Laboratories	AOAC-PTM # 031209	Chicken carcass rinse, turkey carcass sponge, raw ground chicken breast, Hunt broth enrichment for raw ground chicken, chicken carcass rinse and turkey carcass sponge	25g, 30mL
C010	MALDI Biotyper® complete solution for the confirmation of <i>Campylobacter</i> spp.	<i>Campylobacter</i> spp.	Bruker Daltonik GmbH	MicroVal # 2017LR74	Only pure cultures/isolates	Refer to product literature
C011	Molecular Detection Assay 2 - <i>Campylobacter</i> (MDA2-CAM)	<i>Campylobacter jejuni</i> , <i>C. lari</i> and <i>C. coli</i>	Neogen	AOAC-PTM # 111803	Chicken carcass rinse samples, poultry parts rinse samples, raw ground chicken (325g), turkey carcass sponge samples and ready-to-eat, breaded chicken nuggets (25g)	Refer to product literature
C012	RAPID' <i>Campylobacter</i>	<i>Campylobacter</i> spp.	Bio-Rad	AFNOR # BRD 07/25-01/14	Meat and meat products Poultry and poultry products Environmental samples	Refer to product literature
C013	RapidCheck <i>Campylobacter</i> Test System	<i>Campylobacter jejuni</i> , <i>C. lari</i> and <i>C. coli</i>	Romer Labs, Inc.	AOAC-PTM # 052201	raw ground chicken (325 g), chicken carcass rinses, and turkey carcass sponges	Refer to product literature
C014	RAPID' <i>Campylobacter</i>	<i>Campylobacter jejuni</i> , <i>C. lari</i> and <i>C. coli</i>	Bio-Rad Laboratories	AOAC-PTM # 122303	Raw ground chicken (325g), chicken carcass rinse (30mL), and turkey carcass sponge (30mL)	325g, 30mL
C015	Singlepath <i>Campylobacter</i>	<i>Campylobacter jejuni</i> ; <i>Campylobacter coli</i>	Merck KGaA	AOAC-PTM # 120401	25 g - raw ground chicken, raw ground turkey, pasteurized milk	25g

** N/A = Not available

#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated Matrices	Validated Test Portion Size
C016	Simultaneous Multiplex Real Time PCR (SIMUL-qPCR) <i>Campylobacter</i> Assay	<i>Campylobacter</i> spp.	Applied Food Diagnostics, Inc.	AOAC-PTM # 082304	Raw grond turkey (375 g), chicken carcass rinses (30 ml) turkey sponge carcasses	25g, 30mL
C017	Tempo® Cam	<i>Campylobacter</i> spp.	bioMérieux, sa	AFNOR # BIO 12/43-04/20	Raw poultry, ready-to-eat poultry products	Refer to product literature
C018	Tempo CAM (<i>Campylobacter</i>)	<i>Campylobacter jejuni</i> , <i>C. lari</i> and <i>C. coli</i>	bioMérieux, sa	AOAC-PTM # 112002	raw ground chicken (325 g), raw chicken liver (325 g), raw ground turkey (25 g), chicken carcass rinse (30 ml), turkey carcass sponge	Refer to product literature
C019	Thermo Scientific SureTect <i>Campylobacter jejuni</i> , <i>C. coli</i> , and <i>C. lari</i> PCR Kit	<i>Campylobacter jejuni</i> , <i>C. lari</i> and <i>C. coli</i>	Oxoid Ltd. (part of Thermo Fisher Scientific)	AOAC-PTM # 012101	raw ground turkey (325 g), raw chicken thigh with skin (325 g). ready-to-reheat chicken nuggets (25 g), chicken carcass rinse (30 ml), turkey carcass sponge (4'x4")	Refer to product literature
C020	VIDAS® <i>Campylobacter</i> (VIDAS CAM)	<i>Campylobacter</i> spp.	bioMérieux	AFNOR # BIO 12/29-05/10	Meat products and production environment samples	25g
C021	VIDAS <i>Campylobacter</i> (CAM)	<i>Campylobacter</i> spp.	bioMérieux, sa	AOAC-PTM # 051201	fresh raw pork, raw chicken breast, processed chicken nuggets, chicken carcass rinsate, turkey carcass sampled with sponge	25g

** N/A = Not available

Foodborne Pathogen Test Kits Validated by Independent Organizations (updated Apr 14, 2025)

FSIS is making available a list of test kits that have been validated for detection of relevant foodborne pathogens (i.e., Salmonella, Campylobacter, Listeria spp. including *L. monocytogenes*, *E. coli* O157:H7 and non-O157 STEC). The list is intended to be informational and is not an endorsement or approval of any specific test kit, regardless of its inclusion in the list.

FSIS does not specifically endorse any of the mentioned test kits or products and acknowledges that equivalent test kits or products may be available for laboratory use. Likewise, FSIS does not require the use of any specific test kit, including those incorporated into FSIS's Microbiology Laboratory Guidebook methods. Instead, establishments and laboratories should choose test kits that are:

- 1) Validated for testing relevant foods by a:
 - a) Recognized independent body (i.e., AOAC, AFNOR, MicroVal, NordVal),
 - b) U.S. regulatory body (i.e., FSIS MLG or FDA BAM), or
 - c) International Organization for Standardization (ISO) process
- 2) In addition, the validated method should be:
 - a) Fit for the intended purpose and application (e.g., validated for the appropriate matrix and sample size to detect the appropriate foodborne pathogen), and
 - b) Performed per the conditions of the validated protocol by a laboratory that assures the quality of the analytical results.

The table below contains a list of foodborne pathogen test kits that are validated by recognized independent organizations (i.e., AOAC, AFNOR, MicroVal, NordVal) and therefore meet criterion 1a above. However, the test kits in this list are not necessarily equivalent or appropriate for all testing applications.

FSIS intends to update validated test kit lists on a quarterly basis.

#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated Matrices	Validated Test Portion Size
L001	3M™ Molecular Detection Assay (MDA) <i>Listeria monocytogenes</i> Method	<i>Listeria monocytogenes</i>	3M Food Safety	AOAC-OMA # 2014.07	Beef hot dogs (25g and 125g), deli turkey (25g and 125g), cold smoked salmon, full-fat cottage cheese, chocolate milk, bagged raw spinach, romaine lettuce, whole cantaloupe melon, sealed concrete (sponge in 100mL and sponge in 225mL) and stainless steel (sponge in 225mL)	Refer to product literature

** N/A = Not available

#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated Matrices	Validated Test Portion Size
L002	3M™ Molecular Detection Assay (MDA) <i>Listeria</i> Method	<i>Listeria</i> spp.	3M Food Safety	AOAC-OMA # 2014.06	Beef hot dogs (25g), deli turkey (25g), cold smoked salmon (25g), full-fat cottage cheese (25g), bagged raw spinach (25g), whole cantaloupe melone, sealed concrete (sponge in 100mL and sponge in 225mL enrichment volume), stainless steel (sponge in 225mL enrichment volume), and plastic (swab in 10ml enrichment volume) enriched in pre warmed Demi Fraser (DF) broth	Refer to product literature
L003	AL/Agar (Detection)	<i>Listeria monocytogenes</i> and <i>Listeria</i> spp.	BIO-RAD	AFNOR # BRD 07/16-01/09	All human food products (by performing validation assays on a broad range of foods) and industrial	25g
L004	AL/Agar Enumeration	<i>Listeria monocytogenes</i>	BIO-RAD	AFNOR # BRD 07/17-01/09	production environmental samples.	Refer to product literature
L005	ALOA Count	<i>Listeria monocytogenes</i> and <i>Listeria</i> spp.	bioMérieux	AFNOR # AES 10/05-09/06	All foodstuffs for human consumption and environmental samples	Refer to product literature
L006	ALOA One Day	<i>Listeria monocytogenes</i> and <i>Listeria</i> spp.	bioMérieux	AFNOR # AES 10/03–09/00	All foodstuffs for human consumption and environmental samples	25g
L007	ANSR for <i>Listeria</i>	<i>Listeria</i> spp. (<i>L. grayi</i> variable)	Neogen	AOAC-PTM # 101202	Pasteurized 2% milk, queso fresco, ice cream, smoked salmon, lettuce, cantaloupe, guacamole, pasteurized liquid egg, hot dog, fermented sausage, deli turkey, stainless steel, plastic ceramic tile, sealed concrete, rubber	Refer to product literature

** N/A = Not available

#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated Matrices	Validated Test Portion Size
L008	ANSR for <i>Listeria monocytogenes</i>	<i>Listeria monocytogenes</i>	Neogen	AOAC-PTM # 061506	25 g - queso fresco, cantaloupe, guacamole, pasteurized liquid egg, sprout irrigation water, stainless steel, hot dog (125 g), stainless steel (4x4 in)	Refer to product literature
L009	ANSR for <i>Listeria monocytogenes</i>	<i>Listeria monocytogenes</i>	NEOGEN Europe Ltd.	AFNOR # NEO 35/04-03/16	All human food products (by performing validation assays on a broad range of foods) and industrial production environmental samples.	Refer to product literature
L010	ANSR for <i>Listeria</i> spp.	<i>Listeria monocytogenes</i>	NEOGEN Europe Ltd.	AFNOR # NEO 35/03-01/16	All human food products and production environmental samples	Refer to product literature
L011	Assurance GDS for <i>Listeria monocytogenes</i>	<i>Listeria monocytogenes</i>	BioControl Systems, Inc./MilliporeSigma	AOAC-PTM # 070702	Liquid pasteurized milk, Mexican soft cheese, frankfurter, deli turkey, raw fish, raw green beans, environmental surfaces (stainless steel, rubber, concrete, plastic)	25g
L012	Assurance GDS <i>Listeria monocytogenes</i> Tq	<i>Listeria monocytogenes</i>	MilliporeSigma (formerly BioControl Systems Inc.)	MicroVal # 2014LR32	All food products and environmental samples	25g
L013	Assurance GDS for <i>Listeria</i> species	<i>Listeria</i> species including <i>L. monocytogenes</i> , <i>L. innocua</i> , <i>L. seeligeri</i> , <i>L. welshimeri</i> , <i>L. ivanovii</i> and <i>L. grayi</i>	BioControl Systems, Inc./MilliporeSigma	AOAC-PTM # 070701	Liquid pasteurized milk, Mexican soft cheese, frankfurter, deli turkey, raw fish, raw green beans, environmental surfaces (stainless steel, rubber, concrete, plastic)	25g
L014	Assurance GDS <i>Listeria</i> spp. Tq	<i>Listeria</i> spp.	MilliporeSigma (formerly BioControl Systems Inc.)	MicroVal # 2010LR31	All food products and environmental samples	25g

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#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated Matrices	Validated Test Portion Size
L015	Assurance® <i>Listeria</i> EIA	<i>Listeria monocytogenes</i> and <i>Listeria</i> spp.	BioControl Systems, Inc.	AOAC-OMA # 996.14	Dairy foods, red meats, pork, poultry and poultry products, seafood, fruits, vegetables, nutmeats, pasta, chocolate, eggs, bone meal, and from environmental surfaces	25g
L016	Atlas <i>Listeria</i> Environmental LE Detection Assay	<i>Listeria monocytogenes</i> , <i>Listeria innocua</i> , <i>L. welshimeri</i> , <i>L. ivanovii</i> , <i>L. seeligeri</i> , and <i>L. grayi</i>	Roka Bioscience, Inc	AOAC-PTM # 061503	stainless steel, PVC, plastic, sealed concrete	Refer to product literature
L017	Atlas <i>Listeria monocytogenes</i> LmG2 Detection Assay	<i>Listeria monocytogenes</i>	Roka Bioscience, Inc	AOAC-PTM # 111301	hot dogs, cured ham, deli turkey (125g), chicken salad, stainless steel, frozen chocolate cream pie, frozen cheese pizza, vanilla ice cream, queso fresco, cut cantelope (25g)	Refer to product literature
L018	BACSpec <i>Listeria</i>	<i>Listeria</i> spp. (including <i>L. monocytogenes</i> , <i>L. seeligeri</i> , <i>L. welshimeri</i> , <i>L. marthii</i> , <i>L. ivanovii</i> , <i>L. grayi</i> , <i>L. innocua</i> , and <i>L. recourtiae</i>)	Gold Standard Diagnostics Freiburg	AOAC-PTM # 051703	25 g - vegetable salad, frozen cantaloupe, soft white cheese, raw whole milk, frankfurter sausages, process water, smoked salmon, frozen cooked shrimp, stainless steel (1x1 in), sealed ceramic tile (4x4 in)	25g
L019	BACSpec <i>Listeria</i>	<i>Listeria</i> spp.	Gold Standard Diagnostics	AFNOR # EGS 38/04-01/17	All human food products (by performing validation assays on a broad range of foods) and production environmental samples	25g
L020	BACGene <i>Listeria</i> Multiplex	<i>Listeria monocytogenes</i> & <i>Listeria</i> spp.	Gold Standard Diagnostics	AFNOR # EGS 38/05-03/17	All human food products (by performing validation assays on a broad range of foods) and production environmental samples	25g

** N/A = Not available

#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated Matrices	Validated Test Portion Size
L021	BACGene <i>Listeria</i> Multiplex	<i>Listeria</i> spp. (including <i>L. monocytogenes</i> , <i>L. seeligeri</i> , <i>L. welshimeri</i> , <i>L. marthii</i> , <i>L. ivanovii</i> , <i>L. grayi</i> , <i>L. innocua</i> , and <i>L. recourtiae</i>) and <i>L. monocytogenes</i>	Gold Standard Diagnostics Freiburg	AOAC-PTM # 061701	Mayonnaise-based vegetable salad, frankfurters, raw whole milk, soft white cheese (<i>Listeria</i> spp. only), frozen cantaloupe balls, smoked salmon, frozen cooked shrimp (<i>Listeria</i> spp. only), stainless steel 304L (1x1 in swab), ceramic tile (4x4 in sponge), and process water, ice cream with chocolate inclusions, plastic surface samples with sponge (with and without background flora of <i>Enterococcus faecalis</i>)	25g
L022	BACGene <i>Listeria</i> spp.	<i>Listeria</i> spp. (including <i>L. monocytogenes</i> , <i>L. seeligeri</i> , <i>L. welshimeri</i> , <i>L. marthii</i> , <i>L. ivanovii</i> , <i>L. grayi</i> , <i>L. innocua</i> , and <i>L. recourtiae</i>)	Gold Standard Diagnostics Freiburg	AOAC-PTM # 061702	Mayonnaise-based vegetable salad, frankfurters, raw whole milk, soft white cheese, frozen cantaloupe balls, smoked salmon, frozen cooked shrimp, stainless steel 304L (1x1 in swab), ceramic tile (4x4 in sponge), and process water (vegetable sausage production)	25g
L023	BACGene <i>Listeria</i> spp.	<i>Listeria</i> spp.	Gold Standard Diagnostics	AFNOR # EGS 38/02-01/17	In all human food products (by performing validation assays on a broad range of foods) and industrial production environmental samples.	25g
L024	BACGene <i>Listeria monocytogenes</i>	<i>Listeria monocytogenes</i>	Gold Standard Diagnostics	AFNOR # EGS 38/03-01/17	All human food products (by performing validation assays on a broad range of foods) and production environmental samples	25g

** N/A = Not available

#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated Matrices	Validated Test Portion Size
L025	BACGene <i>Listeria monocytogenes</i>	<i>Listeria monocytogenes</i>	Gold Standard Diagnostics Freiburg	AOAC-PTM # 061703	Mayonnaise-based vegetable salad, frankfurters, raw whole milk, frozen cantaloupe balls, smoked salmon, stainless steel 304L (1x1 in swab), ceramic tile (4x4 in sponge), and process water (vegetable sausage production)	25g
L026	BAX System Real-Time PCR Assay for <i>L. monocytogenes</i>	<i>Listeria monocytogenes</i>	Hygiena	AOAC-PTM # 121402	Beef frankfurters, bagged spinach, queso fresco, cooked shrimp, stainless steel, plastic & concrete	25g
L027	BAX® system <i>L. monocytogenes</i>	<i>Listeria monocytogenes</i>	DuPont Qualicon (DuPont Nutrition & Health Diagnostics)	AOAC-OMA # 2003.12	Dairy products, fruits and vegetables (except radishes), seafoods, raw and processed meats, and poultry	25g
L028	BAX System PCR Assay for Genus <i>Listeria</i> 24E	<i>Listeria</i> spp.	Hygiena	AOAC-PTM # 050903	Bagged spinach, processed cheese, frankfurters, cooked shrimp, environmental surfaces (stainless steel)	25g
L029	BAX System PCR Assay <i>Listeria monocytogenes</i> 24E	<i>Listeria monocytogenes</i>	Hygiena LLC	AFNOR # QUA 18/05-07/08	All human food products (by performing validation assays on a broad range of foods) and industrial production environmental samples.	Refer to product literature
L030	BAX System PCR Assay Genus <i>Listeria</i> 24E	<i>Listeria</i> spp. excluding <i>L. grayi</i>	Hygiena LLC	AFNOR # QUA 18/06-07/08	All human food products (by performing validation assays on a broad range of foods) and industrial production environmental samples	25g

** N/A = Not available

#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated Matrices	Validated Test Portion Size
L031	BAX System PCR Assay for <i>Listeria monocytogenes</i> and BAX System X5 PCR Assay for <i>Listeria monocytogenes</i>	<i>Listeria monocytogenes</i>	Hygiena	AOAC-PTM # 070202	Chocolate ice cream, milk (2%), vanilla yogurt, apple juice, cabbage slaw, fish sticks, frankfurters, langostinos, orange juice, peas, pepperoni, spinach strawberries, surimi, deli turkey, ground pork, queso fresco, plastic (4"x4")	25g
L032	BAX System PCR Assay for Genus <i>Listeria</i> BAX System X5 PCR Assay for Genus <i>Listeria</i>	<i>Listeria</i> species	Hygiena	AOAC-PTM # 030502	Processed cheese, frankfurters, smoked salmon, spinach, environmental surfaces (plastic ceramic, tile, rubber, painted wood surfaces, unpainted wood, sealed concrete, cast iron, air filter material & drain swabs, bagged spinach, queso cheese	25g
L033	BAX System Real-Time PCR Assay for Genus <i>Listeria</i>	<i>Listeria</i> species (including <i>L. monocytogenes</i> , <i>L. innocua</i> , <i>L. ivanovii</i> , <i>L. welshimeri</i> , <i>L. seeligeri</i> , and <i>L. grayi</i>)	Hygiena	AOAC-PTM # 081401	Frankfurters (beef), cooked shrimp, bagged lettuce, queso fresco (Mexican style cheese), and environmental surfaces (stainless steel, plastic, and concrete)	25g
L034	BAX System RT PCR Assay for Genus <i>Listeria</i>	<i>Listeria</i> spp.	Hygenia LLC	AFNOR # QUA 18/09-01/19	All human food products, and production environmental samples	Refer to product literature
L035	BAX® System Real-Time PCR Assay for Genus <i>Listeria monocytogenes</i>	<i>Listeria monocytogenes</i>	Hygiena LLC	AFNOR # QUA 18/10-01/19	All human food products, and production environmental samples	Refer to product literature
L036	Bruker MALDI Biotyper Method	<i>Listeria monocytogenes</i> , <i>Listeria</i> spp., and other Gram-positive organisms	Bruker Daltonik GmbH, Bremen, Germany	AOAC-OMA # 2017.10	Only pure cultures/isolates	Refer to product literature

** N/A = Not available

#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated Matrices	Validated Test Portion Size
L037	Clear Safety <i>Listeria</i>	<i>Listeria monocytogenes</i> & <i>Listeria</i> spp. (<i>L. monocytogenes</i> , <i>L. innocua</i> , <i>L. ivanovii</i> , <i>L. marthii</i> , <i>L. grayi</i> , <i>L. welshimeri</i> , <i>L. seeligeri</i>)	Clear Labs, Inc.	AOAC-PTM # 091901	Hot dogs (125 g), stainless steel (4x4 in sponge), plastic (4x4 in sponge), ceramic (4x4 in sponge), sealed concrete (4x4 in sponge)	Refer to product literature
L038	Compact Dry LM (detection)	<i>Listeria monocytogenes</i>	Shimadzu Diagnostics Corp.	MicroVal # 2020LR91b	Environmental samples, A broad range of foods	Refer to product literature
L039	Compact Dry LM (enumeration)	<i>Listeria monocytogenes</i>	Shimadzu Diagnostics Corp.	MicroVal # 2020LR91a	Environmental samples, A broad range of foods	Refer to product literature
L040	Compass <i>Listeria</i> Agar (Detection)	<i>Listeria monocytogenes</i> and <i>Listeria</i> spp.	SOLABIA SAS	AFNOR # BKR 23/02-11/02	All human food products and production environment samples	25g
L041	Compass® <i>Listeria</i> Agar (Enumeration)	<i>Listeria monocytogenes</i>	SOLABIA SAS	AFNOR # BKR 23/05-12/07	All human food products and production environment samples	Refer to product literature
L042	Environmental Scrub Sampler with 10 mL Wide Spectrum Neutralizer	<i>Salmonella</i> spp. and <i>Listeria</i> spp.	Neogen	AOAC-PTM # 022104	Stainless steel, sealed concrete and plastic environmental surfaces 4"x4"	Refer to product literature
L043	EnviroX-F	<i>Listeria</i> spp., <i>L. monocytogenes</i> and <i>Salmonella</i> spp.	PathogenDx	AOAC-PTM # 092001	WorldBio PUR-Blue Swabs in 5 mL of Hi-Cap broth - Environmental Surface Swabs (4in x 4in): stainless Steel, plastic (polystyrene), rubber, and sealed concrete	Refer to product literature
L044	foodproof <i>Listeria</i> plus <i>L. monocytogenes</i> Detection LyoKit – 5'Nuclease	<i>Listeria monocytogenes</i> and <i>Listeria</i> spp.	Hygiena Diagnostics GmbH	NordVal # 054	food products and production environmental samples	Refer to product literature

** N/A = Not available

#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated Matrices	Validated Test Portion Size
L045	<p>foodproof <i>Listeria monocytogenes</i> Detection Kit with foodproof ShortPrep II Kit</p> <p>foodproof <i>Listeria monocytogenes</i> Detection 5' Nuclease LyoKit with foodproof StarPrep Tow Kit; foodproof StarPrep Two Kit Protocol A; and foodproof StarPrep Two 8-Strip Kit</p> <p>foodproof <i>Listeria monocytogenes</i> Detection 5' Nuclease LyoKit with foodproof Magnetic Preparation II Kit with the foodproof RoboPrep Series Fusion</p>	<i>Listeria monocytogenes</i>	Hygiena Diagnostics GmbH	AOAC-PTM # 070401	Dried whole eggs, dry whole milk, vanilla ice cream, Harzer cheese, sausage, raw ground chicken, raw ground pork, ham, gravlax, pollack fillet, melon cubes, white cabbage, bean sprouts, paprika emulsion dye, parsley flakes, dry pet food, peanut butter, milk chocolate, pizza, spaghetti, minced meat, raw fish, cantelope melon, cheese sausage	25g
L046	foodproof® <i>Listeria monocytogenes</i> Detection LyoKit – 5'Nuclease	<i>Listeria monocytogenes</i>	Hygiena Diagnostics GmbH	NordVal # 025	Foods and environmental samples	25g
L047	GeneDisc <i>Listeria</i> DUO and GeneDisc <i>Listeria monocytogenes</i>	<i>Listeria monocytogenes</i>	Pall GeneDisc Technologies	AFNOR # GEN 25/08-07/10	All human food products and production environment samples	25g
L048	GENE-TRAK <i>Listeria</i>	<i>Listeria</i> spp.	Neogen Corporation	AOAC-OMA # 993.09	Dairy products, meats, and seafoods	25g
L049	GENE-UP® <i>Listeria monocytogenes</i>	<i>Listeria monocytogenes</i>	bioMérieux	AFNOR # BIO 12/40-11/16	All human food products and industrial production environmental samples	25g
L050	GENE-UP <i>Listeria</i> spp.	<i>Listeria</i> spp.	bioMérieux	AFNOR # BIO 12/39-09/16	All human food products and industrial production environmental samples	25g
L051	GENE-UP <i>Listeria</i> species (LIS)	<i>Listeria</i> species: <i>L. innocua</i> , <i>L. ivanovii</i> , <i>Listeria monocytogenes</i> , <i>L. seeligeri</i> and <i>L. welshimeri</i>	bioMérieux, s.a.	AOAC-PTM # 121803	Deli ham (25 g, 125 g), Deli turkey (25 g), Beef hot dogs (25 g), Breaded chicken nuggets (25 g), Fresh bagged spinach (25 g), Fresh bagged lettuce (25 g), Cooked shrimp (25 g), Smoked salmon (25 g, 125 g), Stainless steel (4 x 4 in sponge), Whole liquid egg (100 g), Whey powder (375 g), Vanilla ice cream (25 g), Mexican soft cheese (25 g)	Refer to product literature

** N/A = Not available

#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated Matrices	Validated Test Portion Size
L052	GENE-UP <i>Listeria monocytogenes</i> 2 (LMO 2) (formerly GENE-UP <i>Listeria monocytogenes</i> Detection System)	<i>Listeria monocytogenes</i>	bioMérieux, s.a.	AOAC-PTM # 121804	Deli ham (25 g, 125 g), Deli roast beef (25 g), Deli turkey (25 g), Turkey hot dogs (25 g), Smoked salmon (25 g), Cooked shrimp (25 g), Fresh spinach (25 g), Mixed bagged salad (25 g), Liquid whole egg (100 g), Whey powder (375 g), Vanilla ice cream (25 g), Mexican soft cheese (25 g, 125 g), Stainless steel (sponge 4x4 in)	Refer to product literature
L053	GENE-UP enviroPRO	<i>Listeria and Salmonella</i> species	bioMérieux (formerly Invisible Sentinel)	AOAC-PTM # 061801	Stainless steel environmental surfaces (4x4" squares: stainless steel, sealed concrete, plastic), whey powder; Salmonella 375 g, Listeria 125 g - pea powder, cookie dough raw ground turkey (100 g), chicken carcass rinsate (40 ml), raw beef trim (100 g) carcass sampling cloth	Refer to product literature

** N/A = Not available

#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated Matrices	Validated Test Portion Size
L054	GENE-UP® <i>Listeria</i> spp. 2 (LIS 2)	<i>Listeria</i> spp. (<i>monocytogenes</i> , <i>innocua</i> , <i>ivanovii</i> , <i>seeligeri</i> , and <i>welshimeri</i>)	bioMérieux, s.a.	AOAC-OMA # 2019.10	25 g test portions of pork rillettes, raw milk, raw salmon offcuts, mixed precooked vegetables, mixed salad, full-cream goat milk cottage cheese (8.4% fat), stainless steel environmental surface swabs, process, process water, deli ham, deli turkey, beef hot dogs, breaded chicken nuggets, fresh bagged spinach, fresh bagged lettuce, cooked shrimp, smoked salmon, vanilla ice cream, Mexican soft cheese; 100 g test portions of whole liquid egg; 125 g test portions of deli ham and smoked salmon; 375 g test portions of whey powder; stainless steel surface sponges, plastic surface sponges, and ceramic surface sponges	Refer to product literature
L055	GENE-UP® <i>Listeria monocytogenes</i> 2 (LMO 2)	<i>Listeria monocytogenes</i>	bioMérieux, s.a.	AOAC-OMA # 2019.11	25 g test portions of pork rillettes, raw milk, salmon offcuts, mixed precooked vegetables, mixed salad, process water, deli ham, deli roast beef, deli turkey, turkey hot dogs, fresh spinach, mixed bagged salad, cooked shrimp, smoked salmon, vanilla ice cream, Mexican soft cheese; 100 g test portions of whole liquid egg; 125 g test portions of deli ham and Mexican soft cheese; 375 g test portions of whey powder; stainless steel surface sponges	Refer to product literature

** N/A = Not available

#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated Matrices	Validated Test Portion Size
L056	InSite <i>L. mono</i> Glo	<i>Listeria monocytogenes</i> and <i>Listeria species</i> (<i>L. innocua</i> , <i>L. fleischmannii</i> , <i>L. welshimeri</i> , <i>L. weihenstephanensis</i> , <i>L. ivanovii</i> , <i>L. seeligeri</i>)	Hygiena LLC	AOAC-PTM # 061802	Stainless steel, ceramic, plastic (4x4" swab)	Refer to product literature
L057	InSite <i>Listeria</i>	<i>Listeria species</i> (<i>L. monocytogenes</i> , <i>innocua</i> , <i>fleischmanni</i> , <i>welshimeri</i> , <i>weihenstaphansis</i> , <i>ivanovii</i> , and <i>seeligeri</i>)	Hygiena LLC	AOAC-PTM # 121902	Stainless steel, ceramic, plastic (4x4" swab)	Refer to product literature
L058	iQ-Check <i>Listeria monocytogenes</i> II	<i>Listeria monocytogenes</i>	BIO-RAD	AFNOR # BRD 07/10-04/05		25g
L059	iQ-Check <i>Listeria monocytogenes</i> II Real Time PCR	<i>Listeria monocytogenes</i>	Bio-Rad Laboratories	AOAC-PTM # 010802	Smoked salmon, cottage cheese, hot dogs, deli turkey, live pate, raw fermented sausage, deli ham, environmental surface (stainless steel)	25g
L060	iQ-Check <i>Listeria monocytogenes</i> II	<i>Listeria monocytogenes</i>	Bio-Rad Laboratories	NordVal # 037	Foods and environmental samples	25g
L061	iQ-Check <i>Listeria species</i>	<i>Listeria spp.</i>	BIO-RAD	AFNOR # BRD 07/13-05/07	All human foodstuffs and environmental samples	25g
L062	iQ-Check <i>Listeria spp.</i> Real-Time PCR	<i>Listeria spp.</i>	Bio-Rad Laboratories	AOAC-PTM # 090701	sponge 4x4 in, swab 1x1 in - stainless steel, plastic, ceramic, polystyrene sponge (1x1 in swab), and sealed concrete 25 g - liver pate, raw fermented sausage, deli ham, hot dogs, deli turkey, and stainless (1x1 in), stainless stell (swab 1x1 in with HiCap Neutralizing broth), sealed concrete (sponge 4x4 in with Lethen broth), natural cheese (125 g)	Refer to product literature

** N/A = Not available

#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated Matrices	Validated Test Portion Size
L063	<i>Listeria</i> species in a Broad Range of Foods and Selected Environmental Surfaces: Thermo Scientific SureTect™ <i>Listeria</i> species PCR Assay	<i>Listeria</i> spp.	Thermo Scientific	AOAC-OMA # 2021.06	fresh raw ground beef (80% lean, 25 g), raw pork frankfurters (25 g), salami (25 g), cooked sliced ham (25 g), cooked sliced turkey (25 g), fresh bagged spinach (25 g), cut cantaloupe (25 g), processed cheese (25 g), smoked salmon (25 g), cooked prawns (heads off; 25 g), ground pork (25 g), bagged lettuce (25 g), raw ground turkey (25 g), raw pork sausages (25 g), pasteurized 2% fat milk (25 g), raw cod (25 g), pasteurized Brie cheese (25 g), ice cream (vanilla; 25 g), stainless steel (slab, brushed finish; 4 × 4 in.), and plastic (large polystyrene Petri dish; 4 × 4 in.), blue cheese (25 g), cottage cheese (4% fat; 25 g), greek yogurt, ceramic (4x4 in; slab).	Refer to product literature
L064	Listeria Velox	<i>Listeria monocytogenes</i> and <i>Listeria</i> spp.	DNA Diagnostic	NordVal # 058	Raw meat and ready to-cook meat products, raw poultry and ready to-cook poultry products, raw and ready-to-cook fish and seafood (unprocessed), ready-to-eat and ready-to-reheat meat products, poultry products and fishery products and environmental samples	Refer to product literature
L065	<i>Listeria</i> Precis (Enumeration)	<i>Listeria</i> spp.	OXOID Ltd, Part of Thermo Fisher Scientific	AFNOR # UNI 03/15-12/22	All human food products and environmental samples	Refer to product literature
L066	Listeria Precis (Enumeration)	<i>Listeria monocytogenes</i>	OXOID Ltd, Part of Thermo Fisher Scientific	AFNOR # UNI 03/05-09/06	Broad range of human food products and environmental samples	Refer to product literature

** N/A = Not available

#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated Matrices	Validated Test Portion Size
L067	Listeria Precip (Detection)	<i>Listeria monocytogenes</i>	OXOID Ltd, Part of Thermo Fisher Scientific	AFNOR # UNI 03/04-04/05	All human food products and environmental samples	Refer to product literature
L068	<i>Listeria</i> -Tek ELISA	<i>Listeria monocytogenes</i>	Organon Teknika Corporation	AOAC-OMA # 994.03	Meat, meat products, fish, dairy products	25g
L069	<i>Listeria</i> Right Now	<i>Listeria</i> spp. (<i>Listeria</i> spp. rRNA)	Neogen	AOAC-PTM # 081802	swab, 1x1 in - stainless steel, sealed concrete, ceramic tile, plastic, rubber	Refer to product literature
L070	LUMIprobe 24 <i>Listeria monocytogenes</i>	<i>Listeria monocytogenes</i>	EUROPROBE SA	AFNOR # EUR 15/03-12/05	All human food products and environmental samples	25g
L071	MALDI Biotyper complete solution for the confirmation of <i>Listeria</i> spp. and <i>Listeria monocytogenes</i>	<i>Listeria</i> spp. & <i>Listeria monocytogenes</i>	Bruker Daltonik GmbH	MicroVal # 2017LR75	Only pure cultures/isolates	Refer to product literature
L072	Microgen Listeria ID	<i>Listeria</i> species (<i>monocytogenes</i> , <i>innocua</i> , <i>welshimeri</i> , <i>seeligeri</i> , <i>ivanovii</i> , <i>grayi</i>)	Gold Standard Diagnostics Budapest	AOAC-PTM # 060402	Isolated colonies on Columbia Sheep Blood Agar	Refer to product literature
L073	MICRO-ID <i>Listeria</i>	<i>Listeria</i> spp.	Organon Teknika Corporation	AOAC-OMA # 992.18	Foods and environmental samples	Refer to product literature
L074	MicroSEQ <i>Listeria monocytogenes</i>	<i>Listeria monocytogenes</i>	Life Technologies Corporation, part of Thermo Fisher Scientific	AFNOR # ABI 29/05-12/11	meat products, dairy products, fishery products, vegetables and environmental samples	25g
L075	MicroSEQ <i>Listeria monocytogenes</i> Detection Kit	<i>Listeria monocytogenes</i>	Life Technologies Corporation, part of Thermo Fisher Scientific	AOAC-PTM # 011002	25 g - pasteurized whole milk, dry infant formula, ice cream, roast beef, cured bacon, lox (cold-smoked salmon), lettuce, salad dressing, and mayonnaise	25g
L076	MicroSEQ <i>Listeria</i> spp.	<i>Listeria</i> spp.	Life Technologies Corporation, part of Thermo Fisher Scientific	AFNOR # ABI 29/04-12/11	meat products, dairy products, fishery products, vegetables, and environmental samples	Refer to product literature

** N/A = Not available

#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated Matrices	Validated Test Portion Size
L077	MicroSEQ <i>Listeria</i> spp. Detection Kit	<i>Listeria</i> spp.	Life Technologies Corporation, part of Thermo Fisher Scientific	AOAC-PTM # 021108	Pasteurized whole cows milk, dry infant formula, hot dogs, roast beef, lox (smoked salmon), environmental surfaces (stainless steel, plastic cutting board, ceramic tile, rubber sheets, concrete sealed with Seal Hard®)	Refer to product literature
L078	Molecular Detection Assay 2- <i>Listeria</i> species (MDA2-LIS)	<i>Listeria</i> species (<i>L. monocytogenes</i> , <i>L. seeligeri</i> , <i>L. inananis</i> , <i>L. innocua</i> , <i>L. grayi</i> , <i>L. welshimeri</i> , <i>L. fleishmanii</i> subsp. <i>coloradensis</i> , <i>L. cornellensis</i> , <i>L. grandensis</i> , <i>L. marthii</i> , and <i>L. riparia</i>)	Neogen Corporation	AOAC-PTM # 111501	Beef hot dogs, deli turkey (125g), raw chicken (leg pieces and fillets), cold smoked salmon, whole melon, romaine lettuce, queso fresco, vanilla ice cream, 4% milk fat cottage cheese, 3% chocolate whole milk, bagged raw spinach, sealed concrete (4"x 4" sponge enriched in 100mL), plastic (1" x 1" swab enriched in 10mL), stainless steel (4"x 4" sponge enriched in 225 mL)	Refer to product literature
L079	Molecular Environmental Monitoring Program (MEMP) <i>Listeria</i> Assay	<i>Listeria</i> species	Applied Food Diagnostics Inc.	AOAC-PTM # 052003	Stainless steel (1"x1"), plastic(1"x1"), rubber (1"x1"), ceramic tile (1"x1"), and sealed concrete (1"x1")	Refer to product literature
L080	Microbiologique <i>Listeria</i> spp. and <i>Listeria monocytogenes</i> Test System	<i>Listeria</i> spp. & <i>Listeria monocytogenes</i>	Microbiologique, Inc.	AOAC-PTM # 021201	375 g - raw beef trim, ready-to-eat turkey swab/sponge - stainless steel, plastic	25g / 375g

** N/A = Not available

#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated Matrices	Validated Test Portion Size
L081	Molecular Detection Assay 2 - <i>Listeria monocytogenes</i> (MDA2-LMO)	<i>Listeria monocytogenes</i>	Neogen	AOAC-PTM # 081501	Beef hot dogs, deli turkey (125g), raw chicken (leg pieces and fillets), cold smoked salmon, whole melon, romaine lettuce, queso fresco, vanilla ice cream, 4% milk fat cottage cheese, 3% chocolate whole milk, bagged raw spinach, sealed concrete (4"x 4" sponge enriched in 100mL), plastic (1" x 1" swab enriched in 10mL), stainless steel (4"x 4" sponge enriched in 225 mL)	Refer to product literature
L082	Neogen Molecular Detection Assay (MDA) 2 - <i>Listeria</i> Method	<i>Listeria</i> spp.	Neogen Corporation	AOAC-OMA # 2016.07	hot dogs (25g, 125g), salmon, deli turkey (25g, 125g), cottage cheese, vanilla ice cream, queso fresco, spinach, melon (whole), raw chicken leg pieces, raw chicken fillet; concrete (3M™ Hydrated Sponge Stick with D/E, 225mL, 100mL), stainless steel (3M™ Hydrated Sponge Stick with D/E, 225mL), and plastic (3M™ EnviroSwab with Letheen, 10mL) environmental samples	Refer to product literature
L083	Neogen Molecular Detection Assay 2 - <i>Listeria</i> spp.	<i>Listeria</i> spp.	Neogen Food Safety Corp.	AFNOR # 3M 01/14-05/16	All human food products (by performing validation assays on a broad range of foods) and industrial production environmental samples.	Refer to product literature
L084	Neogen Molecular Detection Assay 2 - <i>Listeria monocytogenes</i>	<i>Listeria monocytogenes</i>	Neogen Food Safety Corp.	AFNOR # 3M 01/15-09/16	All human food products (by conducting validation assays on a broad range of foods) and industrial production environmental samples.	Refer to product literature

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#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated Matrices	Validated Test Portion Size
L085	Neogen Molecular Detection Assay (MDA) 2 - <i>Listeria monocytogenes</i> Method	<i>Listeria monocytogenes</i>	Neogen Corporation	AOAC-OMA # 2016.08	hot dogs (25g, 125g), salmon, deli turkey (25g, 125g), cottage cheese, chocolate milk, vanilla ice cream, queso fresco, romaine lettuce, melon (whole), raw chicken leg pieces; raw chicken breast fillet, concrete (3M™ Hydrated Sponge Stick with Dey-Engley [D/E], 225mL, 100 mL), stainless steel (3M Hydrated Sponge Stick with D/E, 225mL), and plastic (3M™ EnviroSwab with Letheen, 10mL) environmental samples	Refer to product literature
L086	N-Light <i>L. monocytogenes</i>	<i>Listeria monocytogenes</i>	NEMIS Technologies AG	AOAC-PTM # 122002	Environmental surface swabs (1" x 1") - stainless steel [AISI 304 (1.4301), grade 2b finish], plastic (polystyrene), and ceramic (glazed earthen)	Refer to product literature
L087	One Plate Listeria (OP-L)	<i>Listeria monocytogenes</i> ; <i>Listeria</i> spp.	Neogen Corporation	MicroVal # 2019LR89	Broad range of human food products and production environmental samples	Refer to product literature
L088	One Broth One Plate for Listeria (OBOP-LMO)	<i>Listeria monocytogenes</i>	Neogen Europe Ltd.	AFNOR # NEO 35/06-07/16	Broad range of human food products and production environmental samples	Refer to product literature
L089	One Broth One Plate for Listeria (OBOP-L)	<i>Listeria</i> spp.	Neogen Europe Ltd.	AFNOR # NEO 35/05-07/16	Broad range of human food products and production environmental samples	Refer to product literature
L090	Oxoid <i>Listeria</i> Precis™ (detection <i>Listeria</i> species)	<i>Listeria</i> spp.	OXOID Ltd, Part of Thermo Fisher Scientific	AFNOR # UNI 03/14-06/22	All human food products and environmental samples	25g
L091	Petrifilm Environmental <i>Listeria</i> (EL) Plate	<i>Listeria monocytogenes</i> , <i>Listeria innocua</i> , and <i>Listeria welshimeri</i>	Neogen	AOAC-PTM # 030601	(Environmental swabs or sponges enriched in 5mL of buffered peptone water) stainless steel, ceramic tile, sealed concrete	Refer to product literature

** N/A = Not available

#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated Matrices	Validated Test Portion Size
L092	PhageDX <i>Listeria</i> Assay	<i>Listeria</i> spp. [<i>L. monocytogenes</i> (1/2a, 1/2b, 1/2c, 3a, 4a, 4b, 4c, 4d, 4e), <i>L. innocua</i> , <i>L. ivanovii</i> , <i>L. seeligeri</i> , <i>L. welshimeri</i> , <i>L. grayi</i>]	Laboratory Corporation of America	AOAC-PTM # 102005	4 in x 4 in - stainless steel and ceramic environmental surfaces	Refer to product literature
L093	PDX-LIB	<i>Listeria</i> species including <i>L. monocytogenes</i> , <i>L. innocua</i> , <i>L. ivanovii</i> , <i>L. seeligeri</i> , <i>L. welshimeri</i> , <i>L. grayi</i> , and <i>L. marthii</i>	Paradigm Diagnostics, Inc.	AOAC-PTM # 040501	4x4 in - ceramic tile, stainless steel (18-gauge, 304 foodgrade with a brushed finish), plastic (polypropylene), and sealed concrete)	Refer to product literature
L094	RAPID' <i>L. mono</i> (Detection)	<i>Listeria monocytogenes</i> and <i>Listeria</i> spp.	BIO-RAD	AFNOR # BRD 07/04-09/98	All human food products and environmental samples	25g
L095	RAPID' <i>L. mono</i> (Enumeration)	<i>Listeria monocytogenes</i>	BIO-RAD	AFNOR # BRD 07/05-09/01	All human food products and environmental samples	Refer to product literature
L096	RAPID' <i>L. mono</i>	<i>Listeria monocytogenes</i>	Bio-Rad Laboratories	AOAC-PTM # 030406	Brie cheese, surimi, mixed salad, & deli turkey	Refer to product literature
L097	RAPID' <i>L. mono</i>	<i>Listeria monocytogenes</i>	Bio-Rad Laboratories	NordVal # 022	Foods and environmental samples	25g
L098	RAPID' <i>Listeria</i> spp.	<i>Listeria</i> spp.	Bio-Rad Laboratories	AFNOR # BRD 07/12-12/06	All human food products and environmental samples	25g
L099	RAPID' <i>Listeria</i> spp.	<i>Listeria</i> spp.	Bio-Rad Laboratories	AOAC-PTM # 080701	stainless steel, plastic, ceramic, sealed concrete	Refer to product literature
L100	RapidChek <i>Listeria</i>	<i>Listeria</i> spp.	Romer Labs, Inc.	AOAC-PTM # 020401	Ice cream, soft cheese, pasteurized whole milk, deli turkey, pepperoni, hot dogs, roast beef, cooked shrimp, smoked fish, potato salad, rubber sponge, painted concrete swab, stainless steel swab	25g

** N/A = Not available

#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated Matrices	Validated Test Portion Size
L101	RapidChek <i>Listeria monocytogenes</i>	<i>Listeria monocytogenes</i>	Romer Labs, Inc.	AOAC-PTM # 011805	25 g - hot dogs, cured ham, frozen cooked breaded chicken, frozen cooked shrimp, stainless steel (4x4 in sponge), and plastic (1x1 in swab) 25 ml - ice cream	25g
L102	RapidChek® <i>Listeria monocytogenes</i>	<i>Listeria monocytogenes</i>	Romer Labs, Inc.	AOAC-OMA # 993.12	Ice cream, camembert, raw milk, skim milk powder, and Limburger	25mL
L103	RapidChek <i>Listeria</i> NextDay Food and Environmental Test System	<i>Listeria</i> spp.	Romer Labs, Inc.	AOAC-PTM # 101102	Hot dogs (25g, 125g), roast beef (25g), frozen breaded chicken (25g, 125g), frozen meatballs (25g), whole milk (25g), ice cream (25g), ricotta cheese (25g), shredded Mexican cheese (125g), cheese powder (25g), and environmental surfaces (stainless steel [430SS, food grade], plastic [polyurethane, food grade], rubber [synthetic, food grade], and painted concrete [latex-based white paint])	Refer to product literature
L104	Reveal 2.0 <i>Listeria</i> Test System	<i>Listeria</i> spp. excluding <i>L. grayi</i>	Neogen	AOAC-PTM # 041101	Pasteurized liquid egg, ice cream, parmesan cheese, 2% milk, deli turkey, hot dogs, frozen cooked hamburgers, pepperoni, pasteurized crab meat, smoked salmon, environmental surfaces (stainless steel, ceramic tile, plastic, concrete)	25g

** N/A = Not available

#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated Matrices	Validated Test Portion Size
L105	RiboFlow Listeria Twin Detection Kit	<i>Listeria monocytogenes</i>	SY-LAB Geräte GmbH	MicroVal # 2015LR53	Raw milk and dairy products, heat-processed milk and dairy products, ready-to-eat, ready-to-reheat meat products and ready-to-eat, ready-to-reheat fishery products	Refer to product literature
L106	Roka <i>Listeria</i> Detection Assay	<i>Listeria</i> species: <i>Listeria monocytogenes</i> , <i>L. innocua</i> , <i>L. welshimeri</i> , <i>L. ivanovii</i> , <i>L. seeligeri</i> , <i>L. grayi</i>	Roka Bioscience, Inc.	AOAC-PTM # 011201	Pasteurized whole milk, ice cream, brie cheese, hot dogs, cured ham, deli chicken, chicken salad, cold-smoked salmon, romaine lettuce. Stainless steel, sealed concrete, plastic (swab or sponge enriched in 90mL)	25g
L107	Sample6 DETECT/L Test	<i>Listeria</i> species (<i>L. monocytogenes</i> , <i>L. innocua</i> , <i>L. ivanovii</i> , <i>L. seeligeri</i> , <i>L. welshimeri</i> & <i>L. marthii</i>)	Phage Diagnostics	AOAC-PTM # 041401	stainless steel environmental surfaces (sponge 4x4 in)	Refer to product literature
L108	Sample6 DETECT HT/L Kit	<i>Listeria</i> species (<i>L. monocytogenes</i> , <i>L. innocua</i> , <i>L. ivanovii</i> , <i>L. seeligeri</i> , <i>L. welshimeri</i> , <i>L. marthii</i>)	Phage Diagnostics	AOAC-PTM # 101704	Stainless steel environmental surfaces (4x4 squares; 18 ga. 304 stainless steel, brushed finish, not mirror)	Refer to product literature
L109	Simultaneous Multiplex Real Time PCR (SIMUL-qPCR) <i>Listeria</i> species and <i>monocytogenes</i> Assay	<i>Listeria</i> species and <i>Listeria monocytogenes</i>	Applied Food Diagnostics Inc.	AOAC-PTM # 062001	Frankfurters (125 g), ready to eat (RTE) sliced turkey (125 g) cooked eggs (25 g), soft fresh raw cheese (25 g) chicken salad (25 g), ice cream (25 g), pasteurized milk (25 g), frozen/cooked shrimp (25 g), stainless steel (4"x4", 1"x1"), plastic (1"x1"), rubber (1"x1"), ceramic tile (1"x1"), and sealed concrete(1"x1")	Refer to product literature

** N/A = Not available

#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated Matrices	Validated Test Portion Size
L110	SMARTCHEK <i>Listeria monocytogenes</i> Detection Kit for GENECHECKER UF-300 Real-Time PCR System	<i>Listeria monocytogenes</i>	Genesystems Co., Ltd.	AOAC-PTM # 042101	uncured ready-to-eat deli turkey (25 g), ready-to-eat deli ham (25 g), cooked shrimp, spinach, and environmental 18 GA 300 series, brush finish NSF certified steel (sponge, 4"x4")	Refer to product literature
L111	Solus Scientific <i>Listeria</i> ELISA	<i>Listeria</i> species (<i>L. grayi</i> , <i>L. innocua</i> , <i>L. ivanovii</i> , <i>L. monocytogenes</i> , <i>L. seeligeri</i> , <i>L. welshimeri</i>)	Solus Scientific Ltd.	AOAC-PTM # 041601	Bagged romaine lettuce, hot dogs, frozen raw shrimp, smoked salmon, soft cheese (brie), stainless steel (swab, 1 x 1 in), polystyrene (sponge, 4 x 4 in)	25g
L112	Solus One <i>Listeria</i>	<i>Listeria</i> species (<i>L. monocytogenes</i> , <i>L. innocua</i> , <i>L. ivanovii</i> , <i>L. seeligeri</i> , <i>L. welshimeri</i> , <i>L. grayi</i> , <i>L. marthii</i>)	Solus Scientific Ltd.	AOAC-PTM # 051802	Stainless steel (18 guage: 304 food grade with a brush finish; 4x4 sponge), plastic (polystyrene; 1x1 swab)	Refer to product literature
L113	Solus One <i>Listeria</i>	<i>Listeria</i> spp.	Solus Scientific (part of PerkinElmer Inc.)	AFNOR # 37/06-10/23	All human food products (by performing validation assays on a broad range of foods) and industrial production environmental samples.	Refer to product literature
L114	Solus <i>Listeria</i> ELISA	<i>Listeria</i> spp.	Solus Scientific (part of PerkinElmer Inc.)	AFNOR # SOL 37/02-06/13	All human and food products and production environmental samples	Refer to product literature

** N/A = Not available

#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated Matrices	Validated Test Portion Size
L115	Solus <i>Listeria monocytogenes</i> ELISA	<i>Listeria monocytogenes</i>	Solus Scientific Solutions Ltd.	AOAC-PTM # 082001	Beef hot dogs (25g, 125g), sliced deli ham (25g, 125g), raw ground beef (~70% lean (25g), bagged romaine lettuce (25g, 125g), pasteurized brie cheese (25g, 125g), frozen raw shrimp (25g), stainless steel (18 guage 304 food grade with brushed finish 4x4 sponge) and plastic (polystyrene, 1"x1" swab) enviornmental surfaces	Refer to product literature
L116	Solus <i>Listeria monocytogenes</i> ELISA	<i>Listeria monocytogenes</i>	Solus Scientific (part of PerkinElmer Inc.)	AFNOR # SOL 37/05-10/22	Human food products and environmental samples	Refer to product literature
L117	TAAG F41 VIP - <i>Listeria monocytogenes</i> , <i>Salmonella</i> spp., <i>Escherichia coli</i> and <i>Staphylococcus aureus</i>	<i>L. monocytogenes</i> , <i>Salmonella</i> spp., <i>S. aureus</i> , and generic <i>E. coli</i>	TAAG Genetics S.A.	AOAC-PTM # 072101	Environmental surface: 18 GA 300 series, brushed finish, NSF certified stainless steel (100 cm ² test area) and pasteurized 2% fat liquid milk (25 ml)	Refer to product literature
L118	TRANSIA Plate <i>Listeria monocytogenes</i>	<i>Listeria monocytogenes</i>	MilliporeSigma (part of Merck group)	AFNOR # TRA 02/11-03/08	All human food products and environmental samples	Refer to product literature
L119	TRANSIA Plate <i>Listeria</i> spp.	<i>Listeria</i> spp.	MilliporeSigma (part of Merck group)	AFNOR # TRA 02/06-11/95	Broad range of human food products and production environmental samples	25g

** N/A = Not available

#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated Matrices	Validated Test Portion Size
L120	Thermo Scientific SureTect <i>Listeria monocytogenes</i> PCR Assay	<i>Listeria monocytogenes</i>	Oxoid Ltd. Part of Thermo Fisher Scientific	AOAC-PTM # 061302	Raw ground beef, pork frankfurters, salami, cooked sliced turkey, fresh bagged spinach, ice cream, smoked salmon, cooked prawns, fresh cantaloupe, proceed cheese, raw ground turkey, raw ground pork, pasteurized 2% milk, raw pork sausage, raw cod, pasteurized brie cheese, cooked sliced ham, bagged lettuce, sliced deli turkey, bagged lettuce, pasturized 2% fat milk, (1x1 in swab) stainless steel, deli salad (Piemontaise), pork rilletes, raw milk, smoked salmon, ready-to-cook vegetables, and process water	25g
L121	Thermo Scientific SureTect <i>Listeria monocytogenes</i> PCR Assay	<i>Listeria monocytogenes</i>	OXOID Ltd, part of Thermo Fisher Scientific	AFNOR # UNI 03/08-11/13	Broad range of human food products and production environmental samples	Refer to product literature
L122	Thermo Scientific SureTect <i>Listeria monocytogenes</i> species PCR Assay	<i>Listeria monocytogenes</i>	Thermo Scientific	AOAC-OMA # 2021.05	fresh raw ground beef (80% lean, 25 g), raw pork frankfurters (25 g), salami (25 g), cooked sliced ham (25 g), cooked sliced turkey (25 g), fresh bagged spinach (25 g), cut cantaloupe (25 g), processed cheese (25 g), smoked salmon (25 g), cooked prawns (heads off; 25 g), ground pork (25 g), bagged lettuce (25 g), raw ground turkey (25 g), raw pork sausages (25 g), pasteurized 2% fat milk (25 g), raw cod (25 g), pasteurized Brie cheese (25 g), ice cream (vanilla; 25 g), stainless steel (slab, brushed finish; 4 x 4 in.), and plastic (large polystyrene Petri dish; 4 x 4 in.).	Refer to product literature

** N/A = Not available

#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated Matrices	Validated Test Portion Size
L123	Thermo Scientific SureTect <i>Listeria</i> species PCR Assay	<i>Listeria</i> spp.	OXOID Ltd, part of Thermo Fisher Scientific	AOAC-PTM # 071304	raw ground beef, pork frankfurters, salami, cooked sliced turkey, fresh bagged spinach, icecream, smoked salmon, cooked prawns, fresh cantaloupe, processed cheese, ground pork, raw ground turkey, raw pork sausages, cooked sliced ham, cooked sliced turkey, pasteurized 2% milk, bagged lettuce, fresh bagged spinach, cantaloupe, processed cheese, smoked salmon, raw cod, cooked prawns, pasteurized brie cheese, ice cream, (sponge 4" x 4" enriched 225 mL of 24 LEB supplemented with 24 LEB selective supplement and 10 mL of LEB buffer supplement) stainless steel and plastic, deli salad (Piemontaise), pork rilletes, raw milk, ready-to-cook vegetables, process water	Refer to product literature
L124	Thermo Scientific SureTect <i>Listeria</i> Species PCR Assay	<i>Listeria</i> spp.	OXOID Ltd, part of Thermo Fisher Scientific	AFNOR # UNI 03/09-11/13	Broad range of human food products and production environmental samples	Refer to product literature
L125	Veriflow <i>Listeria</i> spp.	<i>Listeria</i> spp.	bioMérieux	AOAC-PTM # 121302	Stainless steel, ceramic tile, sealed concrete, plastic, Deli Turkey & Beef Hot Dogs, whey protein isolate	Refer to product literature
L126	Veriflow <i>Listeria monocytogenes</i> (LM)	<i>Listeria monocytogenes</i>	bioMérieux	AOAC-PTM # 051304	hot dogs, turkey deli meat, 2% milk, chocolate chip cookies, stainless steel, sealed concrete, plastic, ceramic tile, hot dogs, turkey deli meat	Refer to product literature
L127	VIDAS® <i>L. monocytogenes</i> Xpress (LMX)	<i>Listeria monocytogenes</i>	bioMérieux	AFNOR # BIO 12/27-02/10	Broad range of human food products and production environmental samples	25g

** N/A = Not available

#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated Matrices	Validated Test Portion Size
L128	VIDAS® <i>Listeria monocytogenes</i> Xpress (LMX) Method	<i>Listeria monocytogenes</i>	bioMérieux, sa	AOAC-OMA # 2013.11	Deli ham (25g, 125g), fermented sausage, liver pâté, processed cheese, vanilla ice cream, cooked shrimp, smoked white fish, frozen spinach, peanut butter, deli turkey (25g, 125g), queso fresco (125g), and ground beef (125g)	Refer to product literature
L129	VIDAS <i>Listeria</i> (LIS)	<i>Listeria</i> spp.	bioMérieux	AFNOR # BIO 12/02-06/94	All human food products and production environment samples	25g/25mL
L130	VIDAS® <i>Listeria</i> (LIS)	<i>Listeria</i> spp.	bioMérieux, sa	AOAC-OMA # 2004.06	Dairy products, vegetables, seafood, raw meats and poultry, and processed meats and poultry	25g
L131	VIDAS® <i>Listeria</i> (LIS)	<i>Listeria</i> spp.	bioMérieux, sa	AOAC-OMA # 999.06	Dairy products, vegetables, seafoods, raw meats and poultry, and processed meats and poultry	25g
L132	VIDAS <i>Listeria</i> DUO (LDUO)	<i>Listeria monocytogenes</i> and <i>Listeria</i> spp.	bioMérieux	AFNOR # BIO 12/18-03/06	Broad range of human food products and production environmental samples	25g/25mL
L133	VIDAS® <i>Listeria monocytogenes</i> 2 (LMO2) (Enrichment at 30°C)	<i>Listeria monocytogenes</i>	bioMérieux	AFNOR # BIO 12/09-07/02	Broad range of human food products and production environmental samples	25g
L134	VIDAS® <i>Listeria monocytogenes</i> 2 (LMO2) (Enrichment at 37°C)	<i>Listeria monocytogenes</i>	bioMérieux	AFNOR # BIO 12/11-03/04	Broad range of human food products and production environmental samples	25g
L135	VIDAS® <i>Listeria</i> species Xpress (LSX)	<i>Listeria</i> spp.	bioMérieux, sa	AOAC-OMA # 2010.02	Dairy products, vegetables, seafood, raw meats and poultry, and processed meats and poultry	25g
L136	VIDAS® LMO2	<i>Listeria monocytogenes</i>	bioMérieux, sa	AOAC-OMA # 2004.02	Dairy products, vegetables, seafood, raw meats and poultry, and processed meats and poultry	25g
L137	VIDAS UP <i>Listeria</i> (LPT)	<i>Listeria</i> spp.	bioMérieux	AFNOR # BIO 12/33-05/12	Broad range of human food products and production environmental samples	Refer to product literature

** N/A = Not available

#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated Matrices	Validated Test Portion Size
L138	VIDAS® UP Listeria (LPT)	<i>Listeria</i> spp.	bioMérieux, sa	AOAC-OMA # 2013.10	Deli ham (25 and 125 g), pepperoni (25 g), beef hot dogs (25 g), chicken nuggets (25 g), chicken liver pâté (25 g), ground beef (125 g), deli turkey (125 g), cooked shrimp (25 g), smoked salmon (25 g), whole cantaloupe melon, bagged mixed salad (25 g), peanut butter (25 g), black pepper (25 g), vanilla ice cream (25 g), queso fresco (25 and 125 g), stainless steel, plastic, ceramic and concrete environmental surfaces	Refer to product literature
L139	VIP® Gold for <i>Listeria</i>	<i>Listeria monocytogenes</i> and <i>Listeria</i> spp.	BioControl Systems, Inc.	AOAC-OMA # 997.03	Dairy foods, red meats, pork, poultry and poultry products, seafood, fruits, vegetables, nutmeats, pasta, chocolate, eggs, bone meal, and environmental surfaces	25g
L140	Vitek GPI and GNI+	<i>Listeria</i> spp.	bioMérieux, sa	AOAC-OMA # 992.19	Biochemical tests for <i>Listeria</i> spp.	Refer to product literature
L141	VITEK ® 2 Gram Positive (GP)	Gram-positive bacteria, including <i>Listeria</i> spp. and <i>Staphylococcus</i> spp.	bioMérieux, sa	AOAC-OMA # 2012.02	Biochemical tests for <i>Listeria</i> spp.	Refer to product literature

** N/A = Not available

Foodborne Pathogen Test Kits Validated by Independent Organizations (updated Apr 14, 2025)

FSIS is making available a list of test kits that have been validated for detection of relevant foodborne pathogens (i.e., Salmonella, Campylobacter, Listeria spp. including L. monocytogenes, E. coli O157:H7 and non-O157 STEC). The list is intended to be informational and is not an endorsement or approval of any specific test kit, regardless of its inclusion in the list.

FSIS does not specifically endorse any of the mentioned test kits or products and acknowledges that equivalent test kits or products may be available for laboratory use. Likewise, FSIS does not require the use of any specific test kit, including those incorporated into FSIS's Microbiology Laboratory Guidebook methods. Instead, establishments and laboratories should choose test kits that are:

1) Validated for testing relevant foods by a:

- a) Recognized independent body (i.e., AOAC, AFNOR, MicroVal, NordVal),
- b) U.S. regulatory body (i.e., FSIS MLG or FDA BAM), or
- c) International Organization for Standardization (ISO) process

2) In addition, the validated method should be:

- a) Fit for the intended purpose and application (e.g., validated for the appropriate matrix and sample size to detect the appropriate foodborne pathogen), and
- b) Performed per the conditions of the validated protocol by a laboratory that assures the quality of the analytical results.

The table below contains a list of foodborne pathogen test kits that are validated by recognized independent organizations (i.e., AOAC, AFNOR, MicroVal, NordVal) and therefore meet criterion 1a above. However, the test kits in this list are not necessarily equivalent or appropriate for all testing applications.

FSIS intends to update validated test kit lists on a quarterly basis.

#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated matrices	Validated Test Portion Size
EC001	Alden S1 for <i>E. coli</i> O157	<i>E. coli</i> O157 (including H7)	Alden	AOAC-PTM # 042401	raw ground beef (80% lean, 25g and 375 g) raw beef trim (375 g)	25g/375g

** N/A = Not available

#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated matrices	Validated Test Portion Size
EC002	ANSR for <i>E. coli</i> O157:H7	<i>E. coli</i> O157:H7	Neogen	AOAC-PTM # 111502	ground beef (80% lean, 325g), beef trim (~20% fat, 375g and 325g), spinach (200g), sprout irrigation water (125mL)	Refer to product literature
EC003	Assurance GDS EHEC ID for <i>E. coli</i> O157:H7 Tq	<i>Escherichia coli</i> O157:H7, <i>E. coli</i> O157:NM	BioControl Systems, Inc./MilliporeSigma	AOAC-PTM # 101901	raw ground beef (375 g, ~85% lean), raw beef trim (375 g, ~85% lean), frozen finely textured beef (375 g, 97% lean), carcass cloths	Refer to product literature
EC004	Assurance GDS for <i>E. coli</i> O157:H7 Tq Detection Kit	<i>Escherichia coli</i> O157:H7	MilliporeSigma (formerly BioControl Systems Inc.)	MicroVal # 2015LR49	Raw beef meats (25 g, 375 g), dairy products (25 g), fruits and vegetables (25 g), environmental samples (25 g or surface sample)	Refer to product literature
EC005	Assurance GDS for <i>E. coli</i> O157:H7	<i>E. coli</i> O157:H7	BioControl Systems	AOAC-OMA # 2005.04	Raw ground beef, beef trim, orange juice, apple juice, fresh vegetables, and sprout process water	25g
EC006	Assurance GDS Shigatoxin Genes	<i>E. coli</i> O157:H7 and <i>E. coli</i> O157:H7 nonmotile (NM)	BioControl Systems	AOAC-OMA # 2005.05	Raw ground beef, beef trim, orange juice, apple juice, fresh vegetables, and sprout process water	25g
EC007	Assurance Enzyme Immunoassay (EIA)	<i>E. coli</i> O157:H7 (EHEC)	BioControl Systems	AOAC-OMA # 996.10	Dairy foods, meats, poultry products, fruits, nutmeats, seafood, pasta, liquid eggs, raw and cooked beef	25g
EC008	Atlas STEC EG2 Combo Detection Assay	<i>E. coli</i> O26:H11, <i>E. coli</i> O157:H7 and <i>E. coli</i> O45:H2	Roka Bioscience, Inc	AOAC-PTM # 011402	fresh raw ground beef (73% lean, 375g), fresh raw beef trim (375g), Romaine lettuce (375g)	375g
EC009	Crystal Diagnostics AutoXpress AXECO157 kit for <i>E. coli</i> O157	<i>E. coli</i> O157	Crystal Diagnostics Corporation	AOAC-PTM # 041301	raw ground beef (375g), raw beef trim (375g), fresh raw spinach (200g)	Refer to product literature

** N/A = Not available

#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated matrices	Validated Test Portion Size
EC010	BACGene <i>E. coli</i> O157:H7 Workflow	<i>E. coli</i> O157:H7	Gold Standard Diagnostics Freiburg	AOAC-PTM # 022002	fresh raw ground beef (375g), fresh raw beef trim (375g), beef carcass sampling cloth (4" x 4"), Romaine lettuce (375g), all-purpose flour (25g), stainless steel (4" x 4", 18-gauge 300 series, brush finish, NSF-certified), unglazed ceramic tile (1" x 1")	Refer to product literature
EC011	BACGene <i>E. coli</i> O157:H7	<i>E. coli</i> O157:H7	Gold Standard Diagnostics Freiburg	AFNOR # EGS 38/06-11/19	Raw meat, ready-to-eat and ready-to-reheat meat (except poultry), raw milk and raw milk based products, fresh produces and fruits	25g
EC012	BAX System Real-Time PCR Assay for <i>E. coli</i> O157:H7 Exact	<i>E. coli</i> O157:H7	Hygiena	AOAC-PTM # 102003	fresh raw ground beef (25 and 375g, 73% lean), fresh raw beef trim (325g and 375g), leafy greens (375g), raw fluid milk (25g), dried cannabis flower and dried hemp flower (≥0.3% THC), sampling cloth for beef	Refer to product literature
EC013	BAX System RT-PCR Assay <i>E. coli</i> O157:H7	<i>E. coli</i> O157	DuPont Qualicon (DuPont Nutrition & Health Diagnostics)	AFNOR # QUA 18/07-07/10	Raw beef and raw vegetables	25g
EC014	BAX System Real-Time PCR Assay for <i>E. coli</i> O157:H7	<i>E. coli</i> O157:H7	Hygiena	AOAC-PTM # 031002	ground beef (65g), beef trim (375g), spinach (25g), lettuce (25g)	Refer to product literature
EC015	BAX <i>E. coli</i> O157:H7 MP	<i>E. coli</i> O157	DuPont Qualicon (DuPont Nutrition & Health Diagnostics)	AFNOR # QUA 18/04-03/08	Raw beef meat, raw milk, fruits, vegetables, Ready-to-Eat meals, raw pork meat, raw ovine meat, and raw chicken meat	25g
EC016	BAX System PCR Assay for <i>E. coli</i> O157:H7 MP BAX System X5 PCR Assay for <i>E. coli</i> O157:H7	<i>E. coli</i> O157:H7	Hygiena	AOAC-PTM # 050501	raw ground beef (25g, 65g), beef trim (65g, 325g, 375g), spinach (25g), lettuce (25g), red leaf lettuce (200g, 375g)	Refer to product literature

** N/A = Not available

#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated matrices	Validated Test Portion Size
EC017	foodproof <i>E. coli</i> O157 Detection Kits (5'Nuclease and Hybridization Probes) with foodproof ShortPrep II Kit	<i>E. coli</i> O157	Hygiena Diagnostics GmbH	AOAC-PTM # 100601	Camembert cheese, egg salad, raw milk, mayonnaise, hamburger meat, brockwurst sausage, coalfish, fresh salmon, apple juice, raw vegetables	25g
EC018	GENE-UP <i>E. coli</i> O157:H7	<i>Escherichia coli</i> O157:H7	bioMérieux	MicroVal # 2015LR59	Fresh and frozen raw meats, cured and fermented meats, vegetables, raw dairy products using a specific protocol and raw meats (except poultry) using a short protocol (25 g and 375 g sample size), and production environmental samples.	Refer to product literature
EC019	GENE-UP <i>E. coli</i> O157:H7 2 (ECO)	<i>E. coli</i> O157:H7	bioMérieux, s.a.	AOAC-PTM # 121805	raw ground beef (25g, 375g 73% lean), raw spinach (200g), beef trim (375 g), raw ground pork (375g), raw ground chicken (25g), romaine lettuce (375g)	Refer to product literature
EC020	GENE-UP <i>E. coli</i> O157:H7 2 (ECO 2)	<i>E. coli</i> O157:H7	bioMérieux, s.a.	AOAC-OMA # 2019.03	Ground beef (25 g, 375 g), raw spinach (200 g), beef trim (375 g), raw ground pork (375 g), raw ground chicken (25 g)	Refer to product literature
EC021	GENE-UP® EHEC Detection Method	<i>E. coli</i> (O26, O45, O103, O111, O121, O145, O157)	bioMérieux Inc.	AOAC-OMA # 2020.06	Raw beef trim, raw ground beef (73 and 80% lean), raw veal, raw milk, and raw milk cheese; 200 g test portions of spinach; 375 g test portions of raw ground beef (73% lean), raw beef trim, and Romaine lettuce.	Refer to product literature

** N/A = Not available

#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated matrices	Validated Test Portion Size
EC022	iQ-Check <i>E. coli</i> O157:H7 Real Time PCR	<i>E. coli</i> O157:H7	Bio-Rad Laboratories	AOAC-PTM # 020801	ground beef (25g), apple cider, fresh spinach (25g), raw ground beef (83% lean; 375g), raw beef trim (375g), fresh spinach (375 g), raw chicken breast without skin (25g), raw chicken thigh with skin (25g), mechanically separated chicken (25g), raw ground pork (25 g), MicroTally swabs (4 x 4 in)	Refer to product literature
EC023	iQ-Check <i>E. coli</i> O157:H7 Kit	<i>E. coli</i> O157	BIO-RAD	AFNOR # BRD 07/15-06/08	Raw beef	25g and 375g
EC024	mericon <i>E. coli</i> O157 Screen Plus Pathogen Detection Assay	<i>E. coli</i> O157 (<i>stx</i> 1, <i>stx</i> 2, <i>eae</i> , and O157)	Qiagen GmbH	AOAC-PTM # 101503	fresh raw ground beef (70% lean, 325g), raw beef trim (325g), fresh spinach (25g)	Refer to product literature
EC025	Neogen Molecular Detection Assay 2 - <i>E. coli</i> O157 (including H7)	<i>E. coli</i> O157	Neogen Corporation	AFNOR # 3M 01/18-05/17	Raw beef meats, raw dairy products, raw fruits and vegetables	25g
EC026	Neogen Molecular Detection Assay (MDA) 2– <i>E. coli</i> O157 (Including H7)	<i>Escherichia coli</i> O157:H7	Neogen Corporation	AOAC-OMA # 2017.01	Raw ground beef (73% lean), frozen blueberries, fresh bean sprouts, and fresh baby spinach	25g
EC027	NH Immunochromato O157 Test Kit	<i>E. coli</i> O157:H7 and O157:NM	NH Foods Ltd.	AOAC-PTM # 091403	raw ground beef, 15% fat (25g)	25g
EC028	QIAGEN mericon® <i>E. coli</i> O157 Screen Plus and mericon® <i>E. coli</i> STEC O-Type Pathogen Detection Assays	<i>Escherichia coli</i> O157:H7 and <i>Escherichia coli</i> non-O157 STEC	Qiagen Germantown, MD	AOAC-OMA # 2017.05	Fresh spinach (25 g), raw ground beef (70% lean) (325 g), raw beef trim (325 g)	Refer to product literature
EC029	RapidChek <i>E. coli</i> O157 (including H7) Lateral Flow Test Assay	<i>E. coli</i> O157 (including H7)	Romer Labs, Inc.	AOAC-PTM # 070801	Raw ground beef & boneless beef trim	25g, 375g
EC030	RAPID' <i>E. coli</i> O157:H7 Agar	<i>E. coli</i> O157:H7	Bio-Rad Laboratories	AOAC-PTM # 060701	25 g - raw ground beef and fresh spinach	Refer to product literature
EC031	RAPID' <i>E. coli</i> O157:H7	<i>E. coli</i> O157:H7	BIO-RAD	AFNOR # BRD 07/14-09/07	Meat products, dairy products, fruits and vegetables, composite foods	25g/25mL
EC032	RAPID' <i>E. coli</i> 2 Agar	<i>E. coli</i> and total coliforms	Bio-Rad Laboratories	NordVal # 020	broad range of foods	Refer to product literature
EC033	Reveal for <i>E. coli</i> O157:H7 Test in Selected Foods and Environmental Swabs	<i>E. coli</i> O157:H7	Neogen Corporation	AOAC-OMA # 2000.14	Raw ground beef, raw beef cubes, apple cider, iceberg lettuce rinse, environmental swabs of stainless steel	25g, 375g
EC034	Reveal for <i>E. coli</i> O157:H7 Test System in Selected Foods	<i>E. coli</i> O157:H7	Neogen Corporation	AOAC-OMA # 2000.13	Raw ground beef, raw beef cubes, iceberg lettuce rinse	25g, 375g

** N/A = Not available

#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated matrices	Validated Test Portion Size
EC035	Reveal 2.0 <i>E. coli</i> O157:H7 Test System	<i>Escherichia coli</i> serotypes O157:H7 & O157:NM	Neogen	AOAC-PTM # 011103	Raw beef trim, raw ground beef	65g, 375g
EC036	Singlepath <i>E. coli</i> O157	<i>E. coli</i> O157 (including H7)	Merck KGaA	AOAC-PTM # 010407	raw ground beef & pasteurized milk	25g
EC037	Solus <i>E. coli</i> O157 ELISA	<i>E. coli</i> O157	Solus Scientific (part of PerkinElmer, Inc.)	AFNOR # SOL 37/03-10/15	Raw beef meat products (seasoned or not), raw milks and dairy products, vegetables, and production environmental samples	Refer to product literature
EC038	Solus One <i>E. coli</i> O157	<i>Escherichia coli</i> O157, including H7	Solus Scientific	AOAC-PTM # 112001	fresh raw ground beef (~75% lean, 375 g) and fresh raw beef trim (~75% lean, 375 g)	375 g
EC039	Thermo Scientific SureTect <i>Escherichia coli</i> O157:H7 PCR Assay	<i>E. coli</i> O157:H7	Oxoid Ltd. Part of Thermo Fisher Scientific	AOAC-PTM # 021501	raw ground beef (375g), raw beef trim (375g), bagged spinach (25g), and apple juice	Refer to product literature
EC040	Thermo Scientific SureTect <i>Escherichia coli</i> O157:H7 PCR Assay	<i>Escherichia coli</i> O157:H7	OXOID Ltd., part of Thermo Fisher Scientific	AFNOR # UNI 03/10-03/15	raw beef meats	25g
EC041	Veriflow O157:H7 test	<i>E. coli</i> O157:H7	bioMérieux, sa	AOAC-PTM # 121401	raw spincach, pasteurized lliquid 2% milk, beef trim, whey protein powder, 20% raw ground beef	Refer to product literature
EC042	VIDAS UP <i>E. coli</i> O157 (including H7) (ECPT)	<i>E. coli</i> O157:H7 (coliform)	bioMérieux, sa	AOAC-PTM # 060903	raw ground beef (25, 75, 375g), raw beef trim (25 g, 75 g, 375g), bagged lettuce (25g), fresh spinach (25g), irrigation water (25ml)	Refer to product literature
EC043	VIDAS UP <i>E. coli</i> O157 including H7 (VIDAS ECPT)	<i>E. coli</i> O157	bioMérieux	AFNOR # BIO 12/25-05/09	Raw meat products, raw milk and raw milk products, raw vegetables, and environmental samples	25g
EC044	Visual Immunoprecipitate Assay (VIP®) Assay	<i>E. coli</i> O157:H7	BioControl Systems	AOAC-OMA # 996.09	Dairy products, meats, poultry, fruits, nutmeats, seafood, pasta, liquid eggs, vegetables, raw beef, cooked beef	25g

** N/A = Not available

Foodborne Pathogen Test Kits Validated by Independent Organizations (updated Apr 14, 2025)

FSIS is making available a list of test kits that have been validated for detection of relevant foodborne pathogens (i.e., *Salmonella*, *Campylobacter*, *Listeria* spp. including *L. monocytogenes*, *E. coli* O157:H7 and non-O157 STEC). The list is intended to be informational and is not an endorsement or approval of any specific test kit, regardless of its inclusion in the list.

FSIS does not specifically endorse any of the mentioned test kits or products and acknowledges that equivalent test kits or products may be available for laboratory use. Likewise, FSIS does not require the use of any specific test kit, including those incorporated into FSIS's Microbiology Laboratory Guidebook methods. Instead, establishments and laboratories should choose test kits that are:

- 1) Validated for testing relevant foods by a:
 - a) Recognized independent body (i.e., AOAC, AFNOR, MicroVal, NordVal),
 - b) U.S. regulatory body (i.e., FSIS MLG or FDA BAM), or
 - c) International Organization for Standardization (ISO) process
- 2) In addition, the validated method should be:
 - a) Fit for the intended purpose and application (e.g., validated for the appropriate matrix and sample size to detect the appropriate foodborne pathogen), and
 - b) Performed per the conditions of the validated protocol by a laboratory that assures the quality of the analytical results.

The table below contains a list of foodborne pathogen test kits that are validated by recognized independent organizations (i.e., AOAC, AFNOR, MicroVal, NordVal) and therefore meet criterion 1a above. However, the test kits in this list are not necessarily equivalent or appropriate for all testing applications.

FSIS intends to update validated test kit lists on a quarterly basis.

#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated matrices	Validated Test Portion Size
STEC001	Applied BioSystems RapidFinder STEC Detection Workflow	<i>E. coli</i> O157:H7 and "Big Six" non- <i>E. coli</i> STEC serotypes (O26, O45, O103, O111, O121, O145)	Life Technologies part of Thermo Fisher Scientific	AOAC-PTM # 061602	fresh raw ground beef (73% lean, 375 g) fresh raw beef trim (375 g)	Refer to product literature
STEC002	Assurance GDS EHEC ID for <i>E. coli</i> O157:H7 Tq	EHEC: <i>E. coli</i> O157:H7, <i>E. coli</i> O157:NM	BioControl Systems, Inc./MilliporeSigma	AOAC-PTM # 101901	Raw ground beef, raw beef trim, frozen finely textured beef, beef carcass cloths	Refer to product literature
STEC003	Assurance GDS Top 7 STEC (<i>eae</i>) Tq with Assurance GDS Shiga Toxin Genes (Top 7) Tq	Top 7 Shiga toxin-producing <i>Escherichia coli</i> (STEC) serotypes O26, O45, O103, O111, O121, O145, and O157	BioControl Systems, Inc./MilliporeSigma	AOAC-PTM # 071303	375 g - raw beef trim, raw ground beef 25 g - mixed greens and spinach (25 g)	Refer to product literature
STEC004	Assurance GDS MPX for Top 7 STEC, MPX ID for Top STEC and EHEC ID for <i>E. coli</i> O157:H7	detection of Shiga toxin-producing <i>Escherichia coli</i> (STEC) and the determination of O26, O45, O103, O111, O121, O145, O157 serogroups	Millipore Sigma	AFNOR # TRA 02/13-04/22	Raw beef meat (excluding seasoned meat), raw milk and dairy products	375g
STEC005	Assurance GDS MPX ID for Top STEC (MPX ID)	Top 6 Shiga toxin-producing <i>Escherichia coli</i> (STEC) serotypes O26, O45, O103, O111, O121, O145	BioControl Systems, Inc./MilliporeSigma	AOAC-PTM # 101502	raw ground beef 20% fat (375 g), raw beef trim 45% fat (375 g), raw spinach (375 g), stainless steel (4"x 4" sponge)	Refer to product literature

** N/A = Not available

#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated matrices	Validated Test Portion Size
STEC006	Assurance GDS for MPX Top 7 STEC	STECs including: O26, O45, O103, O111, O121, O145, & O157	BioControl Systems, Inc./MilliporeSigma	AOAC-PTM # 071301	raw beef trim (375 g), raw ground beef (375 g), spinach (375 g), leafy greens (25 g), spinach (25 g), stainless steel (4" x 4" sponge)	Refer to product literature
STEC007	Atlas STEC EG2 Combo Detection Assay	<i>E. coli</i> O26:H11, <i>E. coli</i> O157:H7 and <i>E. coli</i> O45:H2	ROKA Bioscience, Inc	AOAC-PTM # 011402	fresh raw ground beef (73% lean, 375g), fresh raw beef trim (375g), romaine lettuce (375g)	Refer to product literature
STEC008	BACGene STEC Top7 Workflow	STEC Top 7 (<i>Escherichia coli</i> O157:H7 & non-O157 STEC <i>E. coli</i> O26, O45, O103, O111, O121, O145)	Gold Standard Diagnostics Freiburg	AOAC-PTM # 022003	fresh raw ground beef (375 g), fresh raw beef trim (375 g), beef carcass sampling cloth (4" x 4"), romaine lettuce (375 g), all-purpose flour (25 g), stainless steel (4" x 4", 18-gauge 300 series, brush finish, NSF-certified), unglazed ceramic tile (1" x 1")	Refer to product literature
STEC009	BAX System Real-Time PCR Assay Suite for STEC	STEC Screening Assay - <i>stx</i> and <i>eae</i> virulence genes STEC Panel 1 assay - <i>E. coli</i> O26, O111, O121 STEC Panel 2 assay - <i>E. coli</i> O45, O103, O146	Hygiena	AOAC-PTM # 091301	raw beef trim (375g), raw ground beef (325g, 375g), raw ground beef plus soy (325g), raw ground beef (25g), and all-purpose flour (25g), dried cannabis flower, and dried hemp flower, sampling cloths swabbed from 375g beef trim portions	Refer to product literature
STEC010	BAX System Real-Time PCR Assays for STEC Suite and BAX System Real-Time PCR Assays for <i>E. coli</i> O157:H7	<i>Shiga toxin-producing Escherichia coli</i> (O26, O103, O111, O145, O121 and O157:H7) serogroups	Qualicon Diagnostics LLC.	AFNOR # QUA 18/11-12/20	Raw beef meat, raw dairy products and vegetables products	25g
STEC011	Crystal Diagnostics AutoXpress AXSTEC Test Kit	<i>E. coli</i> serogroups O26, O45, O103, O111, O121, O145, and O157	Crystal Diagnostics Corporation	AOAC-PTM # 011502	325 g - raw ground beef, raw beef trim 200 g - raw spinach, Romaine lettuce and spring mix greens	Refer to product literature
STEC012	foodproof STEC Screening LyoKit and foodproof STEC Identification LyoKit with foodproof StarPrep Three Kit	<i>stx1</i> , <i>stx2</i> , <i>eae</i> , <i>Escherichia coli</i> serogroups O157, O26, O45, O103, O111, O121, O145, O104	Hygiena Diagnostics GmbH	AOAC-PTM # 102004	25 g and 375 g - fresh raw ground beef (~25% fat content), fresh raw beef trim)	Refer to product literature

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#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated matrices	Validated Test Portion Size
STEC013	GENE-UP EHEC Series	<i>Escherichia coli</i> O157:H7 & non-O157 STEC Top 6	bioMérieux, s.a.	AOAC-PTM # 121806	Raw beef trim (375g), raw ground beef (25g and 375g), spinach (200g), romaine lettuce (375g), whole cannabis flower (10 g, 1 g), whole hemp flower (10 g, 1 g), mechanically separated poultry (25g)	Refer to product literature
STEC014	GENE-UP EHEC Detection Method	STEC	bioMérieux	MicroVal # 2018LR84	Raw meat, except poultry (25g and 375g), raw milk, and raw milk cheeses and production environmental samples	Refer to product literature
STEC015	GENE-UP Pathogenic <i>E. coli</i> (PEC)	Shiga toxin producing <i>E. coli</i> (STEC) containing highly correlated co-localized virulence genes <i>stx</i> and <i>eae</i>	bioMérieux	AOAC-PTM # 022203	375 g - raw ground beef (80% lean), raw beef trim, Romaine lettuce (375g), and carcass sampling cloth (MicroTally or equivalent) from beef trim	Refer to product literature
STEC016	GENE-UP® EHEC Detection Method	<i>E. coli</i> (O26, O45, O103, O111, O121, O145, O157)	bioMérieux Inc.	AOAC-OMA # 2020.06	Raw beef trim, raw ground beef (73 and 80% lean), raw veal, raw milk, and raw milk cheese; 200 g test portions of spinach; 375 g test portions of raw ground beef (73% lean), raw beef trim, and Romaine lettuce.	Refer to product literature
STEC017	iQ-Check STEC VirX	STEC	Bio-Rad Laboratories	MicroVal # 2021LR96	Raw dairy products (up to 25 g test portion), Raw meat products (excluding poultry) (up to 375g test portion), flower and raw doughs (up to 375g), multicomponent foods and meal components (up to 25g), raw produces and fruits (up to 25g)	Refer to product literature
STEC018	iQ-Check STEC VirX iQ-Check STEC SerO iQ-Check STEC SerO II	Stx1, Stx2, eae, O26, O45, O103, O11, O121, O145, O157:H7, and STEC	Bio-Rad Laboratories	AOAC-PTM # 121203	raw beef trim, raw ground beef, fresh spinach, beef carcass sampling cloth (4" x 4", MicroTally Cloth), cannabis flower (10g), all-purpose flour (375g), dried hemp flower (25g), cannabis infused gummies, chocolates	375g

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#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated matrices	Validated Test Portion Size
STEC019	Microbiologique <i>E. coli</i> O157, Stx-producing <i>E. coli</i> (STEC) with Intimin and <i>Salmonella</i> Test System	<i>E. coli</i> O157, Stx-producing <i>E. coli</i> (STEC, specifically O26, O45, O103, O111, O121 & O145) with intimin and <i>Salmonella</i>	Microbiologique, Inc.	AOAC-PTM # 100701	raw ground beef (25g), raw beef trim (25g), raw poultry (25g), RTE turkey (25g) mixed leafy greens (25g), raw ground beef (375g), raw ground beef tim (375g), raw poultry (375g), mixed leafy greens (125g)	Refer to product literature
STEC020	Molecular Detection Assay 2 - STEC Gene Screen (MDA2-STXEAE)	STEC/Shiga-toxin producing enterohemorrhagic <i>E. coli</i> (<i>E. coli</i> strains containing <i>Escherichia coli</i> genes <i>stx1</i> (codes for Shiga toxin type 1) and/or <i>stx2</i> (codes for Shiga toxin type 2), and <i>eae</i> gene (codes for intimin)	Neogen	AOAC-PTM # 071902	Fresh raw beef trim (375 g, ~75% lean), fresh raw ground beef (25 g, ~75% lean), fresh raw spinach (200 g), fresh raw ground beef (25 g, ~75% lean), fresh raw ground pork (375 g, ~70% lean), fresh raw poultry parts (375 g), sprouts (25 g), mechanically separated chicken (25g), dried cannabis flower, dried hemp flower	Refer to product literature
STEC021	Molecular Detection Assay 2 - STEC Gene Screen (MDA2-STX)	Shiga-toxin producing <i>E. coli</i> (<i>E. coli</i> strains containing <i>Escherichia coli</i> genes <i>stx1</i> - codes for Shiga-toxin type 1) and/or <i>stx2</i> (codes for Shiga-toxin type 2)	Neogen	AOAC-PTM # 071903	Fresh raw ground beef (375g, ~73% lean), fresh raw spinach (200g), fresh raw ground beef (25 g, ~75% lean), fresh raw beef trim (25 g, ~75% lean), fresh raw ground pork (375g, ~70% lean), fresh raw poultry parts (375g), sprouts (25g), mechanically separated chicken (25g), dried cannabis flower, dried hemp flower	Refer to product literature
STEC022	NeoSeek STEC	EHEC <i>Escherichia coli</i> of serogroups O26, O45, O103, O111, O121, O145, and O157	Neogen	AOAC-PTM # 081901	325 g - raw beef trim, raw ground beef, pure bacterial cultures	Refer to product literature
STEC023	Pathotrak Next Generation Enrichment	<i>Salmonella</i> spp. and Shiga toxin producing <i>Escherichia coli</i> (STEC)	Pathotrak, Inc.	AOAC-PTM # 022204	Romaine hearts 375g & 1,500g, beef trim sampling cloths	Refer to product literature
STEC024	QIAGEN mericon® <i>E. coli</i> O157 Screen Plus and mericon® <i>E. coli</i> STEC O-Type Pathogen Detection Assays	<i>Escherichia coli</i> O157:H7 and <i>Escherichia coli</i> non-O157 STEC	Qiagen Germantown, MD	AOAC-OMA # 2017.05	Fresh spinach (25 g), raw ground beef (70% lean; 325 g), raw beef trim (325 g)	Refer to product literature
STEC025	Simultaneous Multiplex Real Time PCR (SIMUL-qPCR) Top 7 STEC Assay Collection	Shiga toxin (<i>stx</i>) genes, Intimin genes (<i>eae</i>), <i>E. coli</i> Serotypes: O157, O26, O45, O103, O111, O121, O145	Applied Food Diagnostics, Inc.	AOAC-PTM # 022001	Hemp flower, Leafy greens, Fresh raw ground beef (~75% lean), Fresh raw beef trim (~75%), beef carcass sampling sheets (spunbonded polyolefin sampling sheet)	Refer to product literature

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#	Method Name	Target Organism(s)	Manufacturer	External Validation	Validated matrices	Validated Test Portion Size
STEC026	Simultaneous Multiplex Real-Time PCR (SIMUL-qPCR) Salmonella & STEC with GFP Assay	Shiga toxin (stx) genes, Intimin genes (eae), E. coli Serotypes: O157, O26, O45, O103, O111, O121, O145	Applied Food Diagnostics, Inc.	AOAC-PTM # 122202	Bagged pre-washed spring mix leafy greens (200g), dried cannabis flower >0.3% delta-9-tetrahydrocannabinol (THC) 10g, dried hemp flower	N/A
STEC027	SUPREME Real Time Detection Kit <i>E. coli</i>	<i>E.coli</i> O157, O111, O26, O103, O145 serotypes containing <i>stx1</i> and/or <i>stx2</i> and <i>eae</i> genes	BPMR - Produção e Desenvolvimento	AOAC-PTM # 081902	raw ground beef, cream cheese, mixed lettuce, can orange juice	25g
STEC028	Thermo Scientific SureTect STEC Screening PCR Assay and Thermo Scientific SureTect Identification PCR Assay	<i>Shiga toxin-producing Escherichia coli</i> (O26, O103, O111, O145, O157) serogroups	Oxoid Ltd. Thermo Fisher Scientific	AFNOR # UNI 03/13-10/20	Raw meats (including poultry meats), dairy products and vegetables including fruits	25g
STEC029	Thermo Scientific SureTect <i>Escherichia coli</i> O157:H7 and STEC Screening PCR Assay Thermo Scientific SureTect <i>Escherichia coli</i> STEC Identification PCR Assay	Shiga-toxin producing <i>Escherichia coli</i> (<i>E. coli</i>): <i>E. coli</i> O157:H7, <i>E. coli</i> O26, <i>E. coli</i> O45, <i>E. coli</i> O103, <i>E. coli</i> O111, <i>E. coli</i> O121, <i>E. coli</i> O145	Oxoid Ltd part of Thermo Fisher Scientific	AOAC-PTM # 012102	fresh raw spinach (25g up to 375g), fresh baby leaves (25g), fresh cut tomatoes (25g), frozen raw beef (25 g), raw beef trim (25g up to 375g), and beef carcass sponge, beef trim sampling clothes, frozen raw ground beef	Refer to product literature

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