

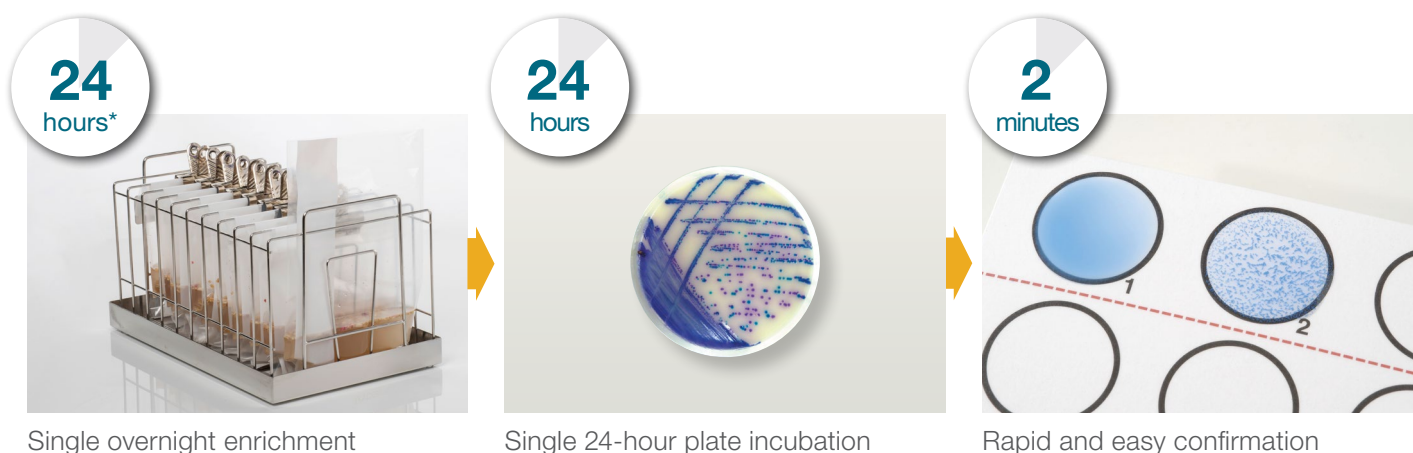
# Validated detection and identification of *Salmonella* species in 2 days

Thermo Scientific™ Salmonella PreciS™ Method

# Rapid, simple culture-based method

A quick and easy method for the enrichment, detection and confirmation of *Salmonella* species from a broad range of foods, animal feed and environmental samples.

- Validated according to ISO 16140-part 2:2016 standard against ISO 6579-1:2017
- Simple procedure — no specialized equipment required
- Single overnight in either Buffered Peptone Water or Thermo Scientific™ ONE Broth Salmonella
- Single sample transfer
- Single 24-hour plate incubation
- Quick and convenient confirmation: Thermo Scientific™ Oxoid™ Salmonella Latex Test or ISO 6579:2017 standard tests
- Reduced time to result: 2 days compared with up to 5 days for standard culture methods
- Thermo Scientific™ *Brilliance*™ Salmonella Agar with novel Inhibigen technology, for targeted specificity and reduced background flora



\*refer to IFU for exact incubation times and temperatures by sample type

## Reactions on *Brilliance* Salmonella Agar

	Colony colour/appearance		
	Purple	Blue	Colourless
Enzyme targeted by chromogen	<i>Salmonella</i> (including Lactose positive <i>Salmonella</i> )	<i>Klebsiella</i> , <i>Enterobacter</i> , <i>Serratia</i>	<i>Citrobacter</i> , other bacteria and yeasts
Esterase	+	-/+	-
β-glucosidase	-	+	-

*E. coli* and other bacteria and yeasts are inhibited by the combination of the Inhibigen and other selective agents in the medium.

## Streamline laboratory workflow and reduce handling

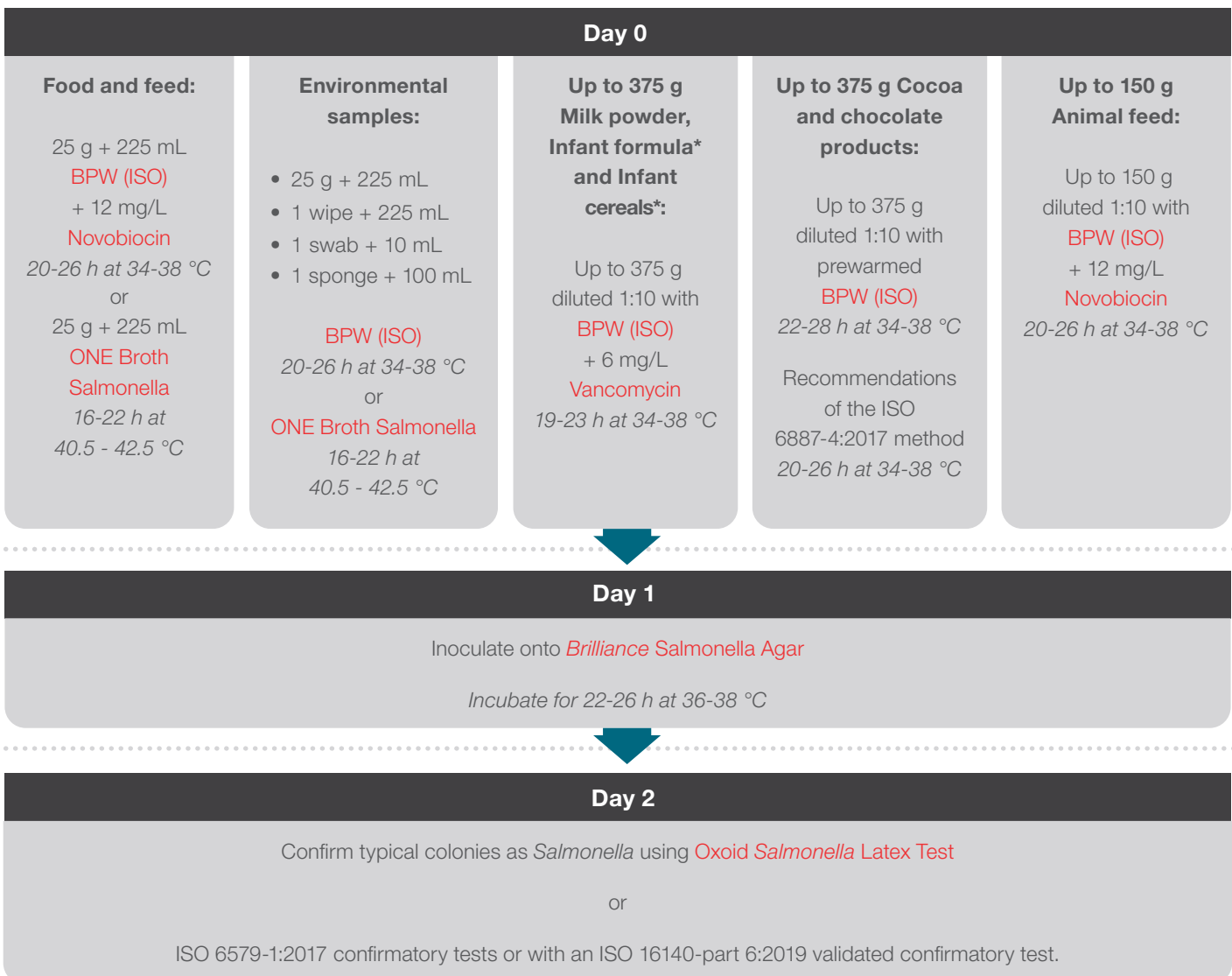
A single sample preparation step for *Salmonella* detection and other analyses, such as Total Viable Counts, when Buffered Peptone Water (BPW) is selected for Salmonella Precise Method enrichment.

# Validated according to ISO 16140-2:2016 by NF VALIDATION for AFNOR Certification

The Salmonella Precis Method has been validated and approved by NF VALIDATION for AFNOR Certification according to ISO 16140-2:2016 standard against the reference method ISO 6579-1:2017 Detection of *Salmonella* spp.

For flexibility, confirmation was validated using both the Oxoid Salmonella Latex Test and the tests outlined in ISO 6579:2017. Alternatively, biochemical panels such as Thermo Scientific™ Microbact™ GNB 24E or Thermo Scientific™ RapID ONE™ Panel, may be used.

AFNOR Certification validation certificate No. UNI 03/06-12/07 is available in PDF format from the AFNOR website <https://nf-validation.afnor.org/en/food-industry/salmonella-spp/>.



\*with or without probiotics

## Ordering information

Product description		Format	Order code
Thermo Scientific™ Oxoid™ Culture Media	Buffered Peptone Water	Buffered Peptone Water (ISO)	500 g, makes 25 L CM1049B
		Buffered Peptone Water (ISO-meat peptone)	500 g, makes 25 L CM1211B
	Novobiocin Supplement	Novobiocin Supplement - freeze-dried	10 vials of 10 mg SR0181E
		Novobiocin Supplement - liquid (10 mg/mL)	10 vials of 40 mg SR0249A
	Vancomycin Supplement	Vancomycin Supplement - freeze-dried	10 vials of 3 mg SR0186E
		Vancomycin Supplement - freeze-dried	10 vials of 5 mg SR0247E
	ONE Broth Salmonella	ONE Broth Salmonella Base	500 g, makes 20 L CM1091B
		ONE Broth Salmonella Supplement	10 vials, each for 225 mL SR0242B
	Brilliance Salmonella Agar	Brilliance™ Salmonella Agar Base	500 g, makes 9.3 L CM1092B
		Brilliance™ Salmonella Agar Selective Supplement	10 vials, each for 500 mL SR0194E
Thermo Scientific™ Oxoid™ Salmonella Latex Kit		100 tests	DR1108A

Please note that a range of alternative formats of culture media such as Bagged Enrichment Media and Prepared Plate Media are available. Please contact your local representative or technical services to find out more.

For more information about the Thermo Scientific Salmonella Precip Method and other methods for detecting *Salmonella* species visit [thermofisher.com/salmonella-testing-food](https://thermofisher.com/salmonella-testing-food)