PMA Real-Time PCR Bacterial Viability Kit – Salmonella enterica (invA)

A kit designed to perform viability PCR on *Salmonella enterica*. It contains a viability PCR dye (PMAxx™ or PMA) and primers to amplify the invA gene.

Product attributes

Viability dye	PMA, PMAxx™
Storage Conditions	Store at -10 to -35 °C
Assay type/options	Live/dead discrimination, Viability PCR
Detection method/readout	PCR/qPCR

Product Description

This kit is designed to perform viability PCR on *Salmonella enterica*. It contains a viability PCR dye (PMA or PMAxx™) and primers to amplify the invA gene.

About this kit

Salmonella enterica is a gram-negative bacteria that causes the food-borne illness salmonellosis. PMA-based viability PCR for *S. enterica* has been reported using the primers provided in the kit. In addition, these primers have been validated at Biotium for real-time qPCR using Forget-Me-Not™ EvaGreen® qPCR Master Mix.

To learn more about the advantages of determining bacterial viability using viability PCR, visit the Viability PCR Technology Page.

Strain-Specific Bacterial Viability PCR Kits

Bacteria Strain	Gene name	Kit with PMA (catalog #)	Kit with PMAxx™ (catalog #)
Salmonella enterica	invA	31033	31033-X
Mycobacterium tuberculosis	groEL2	31034	N/A
Staphylococcus aureus	nuc	31035	N/A
MRSA	mecA	31036	N/A
E. coli O157:H7	Z3276	31037	31037-X
E. coli	uidA	31050	31050-X
Listeria monocytogenes	hly	31051	31051-X
Legionella pneumophila	mip	31053	N/A

Don't see your favorite strain? Let us know at techsupport@biotium.com.

PMAxx technology is covered by granted and/or pending US and international patents.

References

Download PMA and PMAxx™ References and a list of PMA and PMAxx™ Validated Bacterial Strains.

This datasheet was generated on May 8, 2026 at 01:11:26 AM. Visit product page to check for updated information before use.
Product link: https://biotium-woo.supremeclients.com/product/pma-real-time-pcr-bacterial-viability-kit-salmonella-enterica-inva/