



Enramycin [BSA] (DAG-WT014)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Enramycin conjugated with BSA
Specificity	This product is ELISA-paired with CABT-Z526M
Species	N/A
Conjugate	BSA
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements.
Size	1 mg
Buffer	0.01M PBS, pH7.4
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

BACKGROUND

Introduction	Enramycin is a polypeptide antibiotic produced by <i>Streptomyces fungicidus</i> . Enramycin is widely used as a feed additive for pigs and chickens to prevent necrotic enteritis induced by Gram-positive gut pathogens. Enramycin acts as an inhibitor of the enzyme, MurG, which is essential for cell wall biosynthesis in Gram-positive bacteria. MurG catalyzes the transglycosylation reaction in the last step of peptidoglycan biosynthesis. Inhibiting this step greatly compromises cell wall integrity leading to cell lysis.
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