



# Tigecycline [BSA] (DAG-WT010)

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

## PRODUCT INFORMATION

Product Overview	Tigecycline conjugated with BSA
Specificity	This product is ELISA-paired with CABT-Z524M
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	Tigecycline is a broad-spectrum glycylcycline antibiotic derived from tetracycline. Tigecycline binds to the 30S ribosomal subunit, thereby interfering with the binding of aminoacyl-tRNA to the mRNA-ribosome complex. This prevents the incorporation of amino acid residues into the elongating peptide chain, inhibiting protein synthesis and eventually bacterial cell growth.
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