



Tetracycline [OVA] (DAG4474O)

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

PRODUCT INFORMATION

Product Overview	Tetracycline, OVA-conjugated
Antigen Description	Tetracycline OVA Conjugated
Species	N/A
Conjugate	OVA
Applications	ELISA
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements.
Size	1 mg
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

BACKGROUND

Introduction	Tetracycline is a broad spectrum polyketide antibiotic produced by the Streptomyces genus of Actinobacteria. It exerts a bacteriostatic effect on bacteria by binding reversible to the bacterial 30S ribosomal subunit and blocking incoming aminoacyl tRNA from binding to the ribosome acceptor site. It also binds to some extent to the bacterial 50S ribosomal subunit and may alter the cytoplasmic membrane causing intracellular components to leak from bacterial cells.
Keywords	Sumycin; Actisite; Achromycin V; Tetracycline