



Vancomycin [OVA] (DAG30350)

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

PRODUCT INFORMATION

Product Overview	Vancomycin, OVA-conjugated
Antigen Description	Vancomycin 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	<p>Until recently, Vancomycin was one of the most powerful antibiotics that no bacterial cell had resistance to. Vancomycin is a very successful glycopeptide antibiotic, attacking the D alanyl D alanine component of the cell wall. By binding to the D alanyl D alanine component, Vancomycin is able to interrupt the normal cell wall formation. However, recently cells have achieved resistance to vancomycin. The reason that the resistance is so effective is that these cells have modified the D alanyl D alanine components of the cell wall into D alanyl D lactate components. Although this may sound easy, the actual process involves a series of five or more genes.</p>
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Keywords

Vancomycin; Vancocin, Firvanq, Vancocin HCl, Lyphocin
