



Recombinant *Y. enterocolitica* (O:9) LcrV Antigen (DAG-WT151)

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

PRODUCT INFORMATION

Antigen Description	Recombinant <i>Yersinia enterocolitica</i> (O:9) LcrV protein. Full-length cDNA coding for <i>Yersinia enterocolitica</i> (O:9) LcrV fused to a deca-histidine purification tag
Purity	>80% as determined by SDS-PAGE
Conjugate	His
Applications	Immunoassays
Molecular Weight	39kDa
Format	Liquid
Size	1 mg
Buffer	Neutral to slightly alkaline pH and 20% glycerol
Preservative	None
Storage	Store at -70°C or below. Avoid freeze / thaw cycles

BACKGROUND

Introduction	<i>Yersinia enterocolitica</i> serogroup O:9 is a causative agent of yersiniosis, a food-borne gastro-intestinal infection in humans. As part of the bacterial translocation apparatus, low calcium response V antigen (LcrV) is necessary for the secretion of <i>Yersinia</i> outer proteins (Yops) involved in host cell infection.
Keywords	<i>Yersinia enterocolitica</i> ; <i>Y. enterocolitica</i> ; O:9; low calcium response V ; LcrV