



Recombinant *Y. enterocolitica* (O:9) YopE Antigen (DAG-WT157)

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) YopE protein. Full-length cDNA coding for <i>Yersinia enterocolitica</i> (O:9) YopE fused to a deca-histidine purification tag
Purity	>80% as determined by SDS-PAGE
Conjugate	His
Applications	Immunoassays
Molecular Weight	24kDa
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	A key virulence factor of pathogenic <i>Yersinia enterocolitica</i> strains is a plasmid-encoded type III secretion system, through which <i>Yersinia</i> outer proteins (Yops) are injected into the host cell. Yop E, a GTPase activation protein controls pore formation by activating small Rho GTPase, leading to inhibition of actin polymerization.
Keywords	<i>Yersinia enterocolitica</i> ; <i>Y. enterocolitica</i> ; <i>Yersinia</i> outer proteins; Yops