



# Recombinant *Y. enterocolitica* (O:8) YopM Antigen (DAG-WT150)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	Recombinant <i>Y. enterocolitica</i> (O:8) YopM protein. Full-length cDNA coding for <i>Y. enterocolitica</i> (O:8) YopM fused to a deca-histidine purification tag
<b>Purity</b>	>80% as determined by SDS-PAGE
<b>Conjugate</b>	His
<b>Applications</b>	Immunoassays
<b>Molecular Weight</b>	61kDa
<b>Format</b>	Liquid
<b>Size</b>	1 mg
<b>Buffer</b>	Neutral to slightly alkaline pH and 20% glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -70°C or below. Avoid freeze / thaw cycles

## BACKGROUND

<b>Introduction</b>	<p><i>Yersinia enterocolitica</i> is a Gram-negative coccobacillus of which pathogenic serogroups, e.g. O:8, have been identified. <i>Yersinia</i> outer proteins (Yops) are key virulence factors during the infection of host cells. YopM is injected into the host cell's cytosol where it interferes with the regulation of translation by activating ribosomal S6 kinase.</p>
<b>Keywords</b>	<p><i>Yersinia enterocolitica</i>; <i>Y. enterocolitica</i>; O:8; <i>Yersinia</i> outer proteins; YopM</p>