



# Recombinant *Y. enterocolitica* (O:9) YopM Antigen (DAG-WT155)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	Recombinant <i>Yersinia enterocolitica</i> (O:9) YopM protein. Full-length cDNA coding for <i>Yersinia enterocolitica</i> (O:9) 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>	43kDa
<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>	Besides <i>Yersinia enterocolitica</i> serogroups O:3 and O:8, serogroup O:9 is also pathogenic to humans and able to establish a gastrointestinal infection. During this process, <i>Yersinia</i> outer protein M (YopM) is actively injected into human cells where it activates ribosomal S6 kinase to manipulate host cell translation.
<b>Keywords</b>	<i>Yersinia enterocolitica</i> ; <i>Y. enterocolitica</i> ; <i>Yersinia</i> outer protein M; YopM