



# Recombinant *Y. enterocolitica* (O:9) YopH Antigen (DAG-WT154)

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) YopH protein. Full-length cDNA coding for <i>Yersinia enterocolitica</i> (O:9) YopH 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>	52kDa
<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>	To successfully infect human gastrointestinal cells, pathogenic <i>Yersinia enterocolitica</i> secrete and translocate various so-called <i>Yersinia</i> outer proteins (Yops) into host cells. Following translocation, the protein tyrosine phosphatase YopH (synonyme Yop51) affects signaling cascades by dephosphorylating host cell proteins.
<b>Keywords</b>	<i>Yersinia enterocolitica</i> ; <i>Y. enterocolitica</i> ; YopH; Yop51