



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

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| Antigen Description | 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 |
| Purity | >80% as determined by SDS-PAGE |
| Conjugate | His |
| Applications | Immunoassays |
| Molecular Weight | 52kDa |
| 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

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| Introduction | 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. |
| Keywords | <i>Yersinia enterocolitica</i> ; <i>Y. enterocolitica</i> ; YopH; Yop51 |