Yersinia enterocolitica (O:9) YopN

Antigen Specification

Product Number: 43600

Description:
Yersinia enterocolitica (O:9) YopN protein. Recombinant antigen for research use or manufacturing only.

Immunological function:
Binds IgG-, IgM, and IgA-type human antibodies.

Origin:
Recombinant. Expressed in E. coli bacterial cells.

Expression construct:
Full-length cDNA coding for Yersinia enterocolitica (O:9) YopN fused to a deca-histidine purification tag.

Biochemical tests:
SDS-PAGE (purity > 80%); Western blot with monoclonal anti-His-tag antibody.

Calculated molecular weight:
34 kDa

Calculated isoelectric point:
pH 5.78

Endotoxin content:
Tested by LAL (Limulus Amoebocyte Lysate) chromogenic endotoxin assay.

Immunological tests/Functionality:
Immunodot analyses with positive/negative samples.

Recommended buffer/storage and handling conditions:
Recommendations for storage buffer: neutral to slightly alkaline pH. Storage conditions: -70°C or below. Repeated freeze/thaw cycles should be avoided.

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