

***Yersinia enterocolitica* (O:9) YopN**

Antigen Specification

Product Number: 43600

Description:

Yersinia enterocolitica (O:9) YopN protein.
Recombinant antigen for in vitro research and manufacturing use 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.

Copyright 2015 - 2021 DIARECT GmbH