



# Native *Y. enterocolitica* (subtype O:3) YOP Protein (DAG4709)

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

## PRODUCT INFORMATION

**Product Overview** Yersinia is grown in broth culture and stimulated to secrete YOPs (Yersinia outer proteins). YOP proteins concentrated from the culture medium are presented in phosphate buffered saline

**Species** *Y. enterocolitica*

**Conjugate** N/A

**Applications** SDS-PAGE, ELISA

**Format** Liquid

**Size** 1 mg

**Buffer** PBS

**Preservative** None

**Storage** Store at -80°C. Avoid multiple freeze/thaw cycles.

## BACKGROUND

**Introduction** *Yersinia enterocolitica* is a Gram-negative coccobacillus of which pathogenic serogroups, e.g. O:8, have been identified. Yersinia outer proteins (Yops) are key virulence factors during the infection of host cells. YopM is injected into the host cell's cytosol where it interferes with the regulation of translation by activating ribosomal S6 kinase.

**Keywords** *Yersinia enterocolitica*; *Y. enterocolitica*; O:3; YOP