

Yersinia enterocolitica O:3

DAG4709 *Y. enterocolitica*
Lot. No. (See product label)

PRODUCT INFORMATION

Product overview	Yersinia enterocolitica O:3
Description	Yersinia is grown in liquid culture and stimulated to secrete YOPs (Yersinia outer proteins). YOP proteins concentrated from the culture medium are presented in phosphate buffered saline.
Source	Liquid culture
Species	<i>Y. enterocolitica</i>
Immunogen	Yersinia enterocolitica serovar O:3
Inactivation	Sterile filtration. Inactivity is confirmed by attempted growth under original culture conditions. Since no procedure can guarantee absolute sterility, the reagent should be handled with appropriate safety precautions.
Applications	By SDS-PAGE and ELISA

PACKAGING

Storage	-20° C to -80°C. Avoid repeated freeze-thaw cycles
Shipping	10 years from manufacture

BACKGROUND

Introduction	Yersinia enterocolitica is a species of gram-negative coccobacillus-shaped bacterium, belonging to the family Enterobacteriaceae. Yersinia enterocolitica infection causes the disease yersiniosis, which is a zoonotic disease occurring in humans as well as a wide array of animals such as cattle, deer, pigs, and birds. Many of these animals recover from the disease and become asymptomatic carriers. It infects the host by sticking to the cells of the host using Trimeric Autotransporter Adhesins (TAA).
Keywords	Yersinia enterocolitica; <i>Y. enterocolitica</i> ; Yersinia; <i>Y. enterocolitica</i> O:3

REFERENCES

1. Collins FM (1996). Pasteurella, and Francisella. In: Barron's Medical Microbiology (Barron S et al., eds.) (4th ed.). Univ of Texas Medical Branch. ISBN 0-9631172-1-1. (via NCBI Bookshelf).
2. Goljan, Edward F. Rapid Review Pathology. Second Edition. Page 279, Table 15-1.