

## Yersinia enterocolitica serovar O:9

DAG4711 *Y. enterocolitica*  
Lot. No. (See product label)

### PRODUCT INFORMATION

<b>Product overview</b>	Yersinia enterocolitica serovar O:9
<b>Description</b>	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.
<b>Source</b>	Liquid culture
<b>Species</b>	<i>Y. enterocolitica</i>
<b>Immunogen</b>	Yersinia enterocolitica serovar O:9
<b>Inactivation</b>	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.
<b>Applications</b>	By SDS-PAGE and ELISA

### PACKAGING

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

### BACKGROUND

<b>Introduction</b>	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).
<b>Keywords</b>	Yersinia enterocolitica; <i>Y. enterocolitica</i> ; Yersinia; <i>Y. enterocolitica</i> O:9

### 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.