



# Salmonella Typhi-O [BSA] (DAG-WT232)

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

## PRODUCT INFORMATION

Conjugate	BSA
Applications	Immunoassays
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements.
Size	1 mg
Buffer	0.01M pH7.4 PBS
Preservative	None
Storage	Short Term: 2-8°C. Long Term: -20°C. Avoid repeated freezing and thawing.

## BACKGROUND

Introduction	Salmonella is a gram-negative, rod-shaped (bacillus) bacteria genus that belongs to the family Enterobacteriaceae. Salmonella contains two species: Salmonella enterica and Salmonella bongori. The type species is Salmonella enterica (S. enterica), which is widely found in warm-blood animals all over the world. Salmonella enterica can be further catalogued into 6 subspecies, with more than 2,500 serotypes. Salmonella bongori (S. bongori), however, is restricted to cold-blooded animals, particularly reptiles. Species of Salmonella are facultative intracellular pathogens. They can infect many different animal species, including humans. Thus they can be transferred between human and other animals. Salmonella infection may cause illness such as salmonellosis (food poisoning), typhoid fever, and paratyphoid fever.
Keywords	Salmonella; Typhi O:1,9,12; Typhi O