
Product Data Sheet

Product Name: S.Typhi H
Cat. No.: GP25201
Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Formulation	Sterile Filtered solution containing PBS and 25mM arginine.		

Introduction

Salmonella Typhi is a pathogen causing typhoid fever, affecting over 17 million people with approximately 600,000 deaths annually worldwide. If untreated, typhoid fever cases result in mortality rates ranging from 12-30%.

Stability

S.Typhi H although stable at 4°C for 1 week, should be stored below -18°C . Please prevent freeze thaw cycles.

Background

Recombinant Salmonella Typhi H Antigen produced in E.coli is full length flagellin sequence of 301 amino acids, and fused to a 6 His Tag at C-terminus, migrating as a 35kDa band on SDS-PAGE.S. typhi H antigen is a flagellin protein, which strongly reacts to specific IgM and IgG produced in infected patients.

Caution: Product has not been fully validated for medical applications. For research use only.

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