



Anti-S. aureus Staphylococcus Enterotoxin B Polyclonal antibody (DPAB0237)

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

PRODUCT INFORMATION

Specificity	Staphylococcus aureus Enterotoxin B. Non-reactive with other Staph. toxins.
Target	S. aureus Staphylococcus Enterotoxin B
Immunogen	Purified toxin.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	S. aureus
Purification	95% pure. Protein A chromatography
Conjugate	Unconjugated
Applications	Suitable for use in DID (Ouchterlony). Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Purified, Liquid
Concentration	1mg/ml (OD280nm, E0.1% = 1.4)
Size	1 mg
Buffer	0.01M PBS, pH 7.2 No stabilizing proteins have been added.
Preservative	0.1% Sodium Azide
Storage	Short-term (up to 6 months) store at 2-8°C. Long term, aliquot and store at -20°C. Avoid

multiple freeze/thaw cycles.

BACKGROUND

Introduction

[Staphylococcal enterotoxin B \(SEB\) is an enterotoxin produced by the bacterium Staphylococcus aureus. It is a common cause of food poisoning, with severe diarrhea, nausea and intestinal cramping often starting within a few hours of ingestion. Being quite stable, the toxin may remain active even after the contaminating bacteria are killed. It can withstand boiling at 100°C for a few minutes. Gastroenteritis occurs because SEB is a superantigen, causing the immune system to release a large amount of cytokines that lead to significant inflammation.](#)

Keywords

Staphylococcal enterotoxin B; Enterotoxins; Staphylococcus aureus Enterotoxin B; Enterotoxin B; Staph. aureus Enterotoxin B; Staphylococcus aureus; S. aureus
