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Product Information

Anti-Staphylococcal Enterotoxin B

Developed in Rabbit
Fractionated Antiserum

Product Number **S 9008**

Product Description

Anti-Staphylococcal Enterotoxin B is developed in rabbit using purified Enterotoxin B from *Staphylococcus aureus* as the immunogen.

Anti-Staphylococcal Enterotoxin B is determined to be immunospecific for Enterotoxin B by immunoelectrophoresis, against Enterotoxin B from *Staphylococcus aureus*.

Identity and purity of the antibody is established by immunoelectrophoresis (IEP). Electrophoresis of the antibody preparation followed by diffusion against anti-rabbit IgG results in a single arc of precipitation and against anti-rabbit serum results in multiple arcs of precipitation.

Reagents

Antiserum is fractionated and lyophilized from 0.01 M phosphate buffered saline, pH 7.2, to which no preservatives have been added.

Storage/Stability

Store the product at 2-8 °C.

After reconstitution, the solution may be stored frozen in working aliquots. Repeated freezing and thawing is not recommended. If slight turbidity occurs upon prolonged storage clarify the solution by centrifugation before use.

Product Profile

Using an Ouchterlony double diffusion (ODD) assay, in 1% agarose, 5 µl of serially diluted reconstituted antiserum is reacted against 5 µl of 1 mg/ml solution of purified Enterotoxin B (well separation: 7.5mm center to center). Titer is equivalent to the highest dilution of antiserum resulting in a visible precipitate after 24 hours.

Reconstitution

To one vial of lyophilized powder add 2 ml of deionized water.

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