

Staphylococcus aureus antibody

Catalog No: #62147

Package Size: #62147 100ul

Description

Product Name	Staphylococcus aureus antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	ffinity purified by Protein A.
Applications	ELISA
Species Reactivity	Staphylococcus aureus
Immunogen Description	whole cell protein of Staphylococcus aureus Rosenbach tropina
Concentration	1 mg/ml
Formulation	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

ELISA 1:5000-10000

Background

Staphylococcus aureus is a bacterium that is a member of the Firmicutes, and is frequently found in the human respiratory tract and on the skin. Although S. aureus is not always pathogenic, it is a common cause of skin infections (e.g. boils), respiratory disease (e.g. sinusitis), and food poisoning. Disease-associated strains often promote infections by producing potent protein toxins, and expressing cell-surface proteins that bind and inactivate antibodies. S. aureus is a facultative anaerobic Gram-positive coccal bacterium, also known as "golden staph" and Oro staphira. In medical literature the bacteria is often referred to as S. aureus or Staph aureus. Staphylococcus should not be confused with the similarly named and medically relevant genus Streptococcus. S. aureus appears as grape-like clusters when viewed through a microscope, and has large, round, golden-yellow colonies, often with hemolysis, when grown on blood agar plates.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.