

Rat S100A11 ELISA Kit | S100A11 elisa kit

Rat S100A11 (S100 Calcium Binding Protein A11) ELISA Kit

CATALOG #
AAA165637

REACTIVITY
Rat

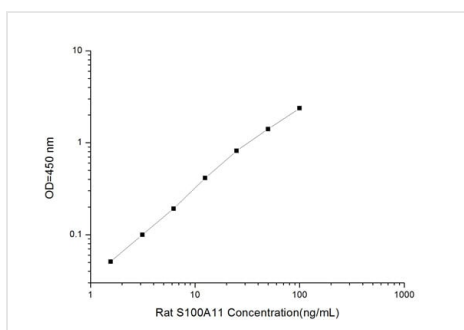
PRODUCT SYNONYMS

S100A11; Rat S100A11 (S100 Calcium Binding Protein A11) ELISA Kit; S100A11 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat S100A11. No significant cross-reactivity or interference between Rat S100A11 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Rat S100A11 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	103
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	1.563-100ng/mL
Sensitivity	Min: 0.938ng/mL; Max: 100ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for S100A11 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of S100A11 in Rat serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat S100A11. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Rat S100A11 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Rat S100A11, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Rat S100A11. You can calculate the concentration of Rat S100A11 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	148744993
NCBI GeneID	337886
Molecular Weight	11,382 Da
NCBI Official Full Name	S100A11 protein
NCBI Official Synonym Full Names	S100 calcium binding protein A11<
NCBI Official Symbol	S100A11
NCBI Protein Information	protein S100-A11; S100 calcium binding protein A11 (calgizzarin)
UniProt Protein Name	Protein S100
UniProt Gene Name	S100A11
UniProt Entry Name	Q862H7_BOVIN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.