

Rat S100-B ELISA Kit | S100-B elisa kit

Rat Protein S100-B ELISA Kit

CATALOG #
AAA310005

REACTIVITY
Rat

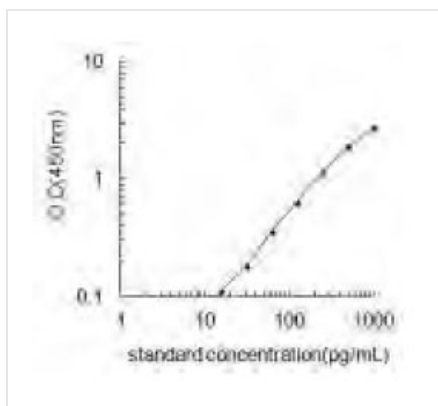
PRODUCT SYNONYMS

S100-B; Rat Protein S100-B ELISA Kit; Protein S100-B; S-100 protein beta chain; S-100 protein subunit beta; S100 calcium-binding protein B; S100b; S100-B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural General target antigen. No significant cross-reactivity or interference was observed.
Samples	Serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids
Detection Range	15.6-1000 pg/mL
Sensitivity	< 7.82 pg/mL
Intra-assay Precision	<=4.7%
Inter-assay Precision	<=9.5%
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for S100-B elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antibody biotin- conjugated antigen and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm± 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of general target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6981498
NCBI GeneID	25742
NCBI Accession #	NP_037323.1
NCBI GenBank Nucleotide #	NM_013191.1
UniProt Accession #	P04631
Molecular Weight	10,744 Da
NCBI Official Full Name	protein S100-B
NCBI Official Synonym Full Names	S100 calcium binding protein B
NCBI Official Symbol	S100b
NCBI Official Synonym Symbols	S100P
NCBI Protein Information	protein S100-B
UniProt Protein Name	Protein S100-B
UniProt Gene Name	S100b

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.