

Rat Protein S100-B ELISA Kit | S100b elisa kit

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CATALOG #
AAA13351

REACTIVITY
Rat

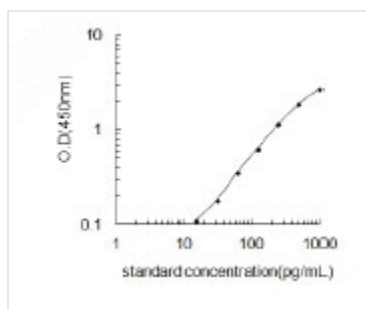
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Recombinant and natural Rat Protein S100-B
Sequence Length	92
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	15.6-1000 pg/mL
Sensitivity	<7.82 pg/mL
Intra-assay Precision	Intra-Assay CV: <=4.7%
Inter-assay Precision	Inter-Assay CV: <=9.5%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for S100b elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.

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 antigen, biotin-conjugated antibody 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.

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
UniProt Entry Name	S100B_RAT

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.

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Online datasheet: <https://www.aaabiotech.com/s100b-rat-elisa-kits/protein-s100-b/13351>