

Human Protein S100-B (S100B) ELISA Kit | S100B elisa kit

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CATALOG #
AAA43941

REACTIVITY
Human

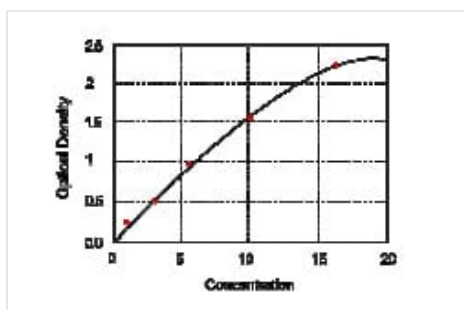
PRODUCT SYNONYMS

Protein S100-B (S100B); Human Protein S100-B (S100B) ELISA Kit; S100B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	92
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/L - 300ng/L
Sensitivity	0.22ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for S100B elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Protein S100-B (also known as S100B) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human S100B antibody. S100B present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human S100B Antibody is added and binds to S100B in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated S100B antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human S100B. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5454034
NCBI GeneID	6285
NCBI Accession #	NP_006263.1
NCBI GenBank Nucleotide #	NM_006272.2
UniProt Accession #	P04271; D3DSN6
Molecular Weight	10,713 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	NEF; S100; S100-B; S100beta
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/protein-s100-b-s100b/43941>