

Mouse S100 Calcium Binding Protein B ELISA Kit | S100B elisa kit

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CATALOG #
AAA99171

REACTIVITY
Mouse

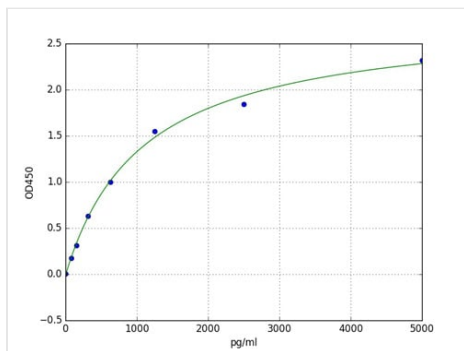
PRODUCT SYNONYMS

S100 Calcium Binding Protein B; Mouse S100 Calcium Binding Protein B ELISA Kit; S100B (Protein S100-B)/S100/S100 beta/S100 calcium binding protein B/S100 calcium-binding protein B/S100 calcium-binding protein; beta (neural)/S-100 calcium-binding protein; beta chain; 10/S-100 protein beta chain/S-100 protein subunit beta/S100beta; S100B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	92
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Results of a typical standard run of a Mouse S100B ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A-not applicable)

X	pg/ml	0	78	156	312.5	625	1250	2500	5000
Y	OD450	0.014	0.072	0.138	0.255	0.474	0.909	1.645	2.493

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for S100B elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Mouse S100B antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse S100B antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRPStreptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Mouse S100B amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse S100B can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	12804681
NCBI GeneID	6285
Molecular Weight	10,713 Da
NCBI Official Full Name	S100 calcium binding protein 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
UniProt Entry Name	S100B_HUMAN

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://stage.aaabiotech.com/s100b-mouse-elisa-kits/s100-calcium-binding-protein-b/99171>