

Mouse S100 calcium binding protein B ELISA Kit | S100B elisa kit

Mouse Protein S100-B, S100B ELISA Kit

CATALOG #
AAA18039

REACTIVITY
Mouse

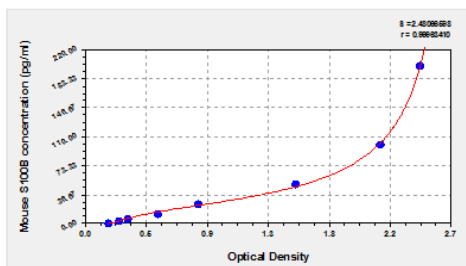
PRODUCT SYNONYMS

S100 calcium binding protein B; Mouse Protein S100-B; S100B ELISA Kit; Mouse Protein S100-B (S100B) ELISA kit; NEF; S100; S100beta; OTTHUMP00000174958; S-100 calcium-binding protein; beta chain; S100 beta; S100 calcium binding protein; beta (neural) ; S100 calcium-binding protein; beta; S100 calcium-binding protei; S100B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse S100B. No significant cross-reactivity or interference between mouse S100B and analogues was observed.
Sequence Length	92
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	3.12 pg/ml-200 pg/ml
Sensitivity	< 0.78 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%.Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for S100B elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for S100B has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any S100B present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for S100B is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of S100B bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6677839
NCBI GeneID	20203
NCBI Accession #	NP_033141.1
NCBI GenBank Nucleotide #	NM_009115.3
UniProt Accession #	P50114
Molecular Weight	10,728 Da
NCBI Official Full Name	protein S100-B
NCBI Official Synonym Full Names	S100 protein, beta polypeptide, neural
NCBI Official Symbol	S100b
NCBI Official Synonym Symbols	Bpb; AI850290
NCBI Protein Information	protein S100-B; S-100 protein beta chain; S-100 protein subunit beta; S100 calcium-binding protein B
UniProt Protein Name	Protein S100-B
UniProt Gene Name	S100b
UniProt Entry Name	S100B_MOUSE

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.