

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

Human Soluble protein-100B, S-100B ELISA Kit

CATALOG #
AAA80464

REACTIVITY
Human

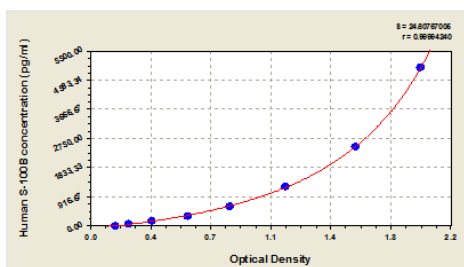
PRODUCT SYNONYMS

S100 calcium binding protein B; Human Soluble protein-100B; S-100B 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	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human S-100B. No significant cross-reactivity or interference between human S-100B and analogues was observed.
Sequence Length	92
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates, cerebrospinal fluid (CSF)
Detection Range	78 pg/ml-5000 pg/ml
Sensitivity	< 19.5 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 S-100B has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any S-100B present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for S-100B 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 S-100B bound in the initial step. The color development is stopped and the intensity of the color is measured.
---	---

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; S-100 protein subunit beta; S-100 calcium-binding protein, beta chain; S100 calcium-binding protein, beta (neural)
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.