

Human S100 calcium binding protein A10 ELISA Kit | S100A10 elisa kit

Human Protein S100-A10, S100A10 ELISA Kit

CATALOG #
AAA112506

REACTIVITY
Human

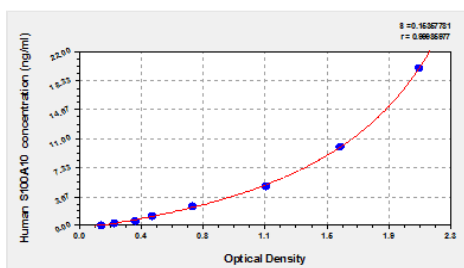
PRODUCT SYNONYMS

S100 calcium binding protein A10; Human Protein S100-A10; S100A10 ELISA Kit; Human Protein S100-A10 (S100A10) ELISA kit; 42C; ANX2L; ANX2LG; CAL1L; CLP11; Ca[1]; GP11; MGC111133; P11; p10; OTTHUMP00000015270; S100 calcium binding protein A10 (annexin II ligand; calpactin I; light polypeptide (p11)) ; S100 calcium-binding; S100A10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human S100A10. No significant cross-reactivity or interference between human S100A10 and analogues was observed.
Sequence Length	97
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	0.312 ng/ml-20 ng/ml
Sensitivity	< 0.078 ng/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 S100A10 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for S100A10 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any S100A10 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for S100A10 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 S100A10 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 #	4506761
NCBI GeneID	6281
NCBI Accession #	NP_002957.1
NCBI GenBank Nucleotide #	NM_002966.2
UniProt Accession #	P60903; P08206; Q5T1C5; A8K4V8
Molecular Weight	11,203 Da
NCBI Official Full Name	protein S100-A10
NCBI Official Synonym Full Names	S100 calcium binding protein A10
NCBI Official Symbol	S100A10
NCBI Official Synonym Symbols	42C; P11; p10; GP11; ANX2L; CAL1L; CLP11; Ca[1]; ANX2LG
NCBI Protein Information	protein S100-A10; calpactin I light chain; calpactin-1 light chain; cellular ligand of annexin II; annexin II tetramer (Alt) p11 subunit; annexin II ligand, calpactin I, light polypeptide; S100 calcium binding protein A10 (annexin II ligand, calpactin I, light polypeptide (p11)); S100 calcium-binding protein A10 (annexin II ligand, calpactin I, light polypeptide (p11))
UniProt Protein Name	Protein S100-A10
UniProt Gene Name	S100A10
UniProt Synonym Gene Names	ANX2LG; CAL1L; CLP11
UniProt Entry Name	S10AA_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/s100a10-human-elisa-kits/s100-calcium-binding-protein-a10/112506>