

Human S100 calcium binding protein A4 ELISA Kit | S100A4 elisa kit

Human Protein S100-A4, S100A4 ELISA Kit

CATALOG #
AAA18131

REACTIVITY
Human

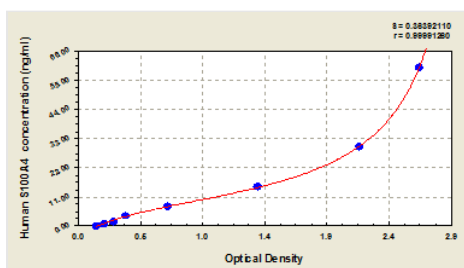
PRODUCT SYNONYMS

S100 calcium binding protein A4; Human Protein S100-A4; S100A4 ELISA Kit; Human Protein S100-A4 (S100A4) ELISA kit; 18A2; 42A; CAPL; FSP1; MTS1; P9KA; PEL98; OTTHUMP00000015469; OTTHUMP00000032895; S100 calcium binding protein A4 (calcium protein; calvasculin; metastasin; murine placental homolog) ; S100 calcium-bind; S100A4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human S100A4. No significant cross-reactivity or interference between human S100A4 and analogues was observed.
Sequence Length	101
Samples	Serum, plasma, cell culture supernates, tissue homogenates.
Assay Type	Sandwich (Quantitative)
Detection Range	0.9 ng/ml-60 ng/ml.
Sensitivity	0.225 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 S100A4 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for S100A4 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any S100A4 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for S100A4 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 S100A4 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 #	4506765
NCBI GeneID	6275
NCBI Accession #	NP_002952.1
NCBI GenBank Nucleotide #	NM_002961.2
UniProt Accession #	P26447; Q6ICP8; A8K7R8; D3DV46
Molecular Weight	11,729 Da
NCBI Official Full Name	protein S100-A4
NCBI Official Synonym Full Names	S100 calcium binding protein A4
NCBI Official Symbol	S100A4
NCBI Official Synonym Symbols	42A; 18A2; CAPL; FSP1; MTS1; P9KA; PEL98
NCBI Protein Information	protein S100-A4; protein Mts1; fibroblast-specific protein-1; placental calcium-binding protein; malignant transformation suppression 1; leukemia multidrug resistance associated protein; S100 calcium-binding protein A4 (calcium protein, calvasculin, metastasin, murine placental homolog)
UniProt Protein Name	Protein S100-A4
UniProt Gene Name	S100A4
UniProt Synonym Gene Names	CAPL; MTS1
UniProt Entry Name	S10A4_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/s100a4-human-elisa-kits/s100-calcium-binding-protein-a4/18131>