

Human S100A6 ELISA Kit | S100A6 elisa kit

Human S100A6 (S100 Calcium Binding Protein A6) ELISA Kit

CATALOG #
AAA163541

REACTIVITY
Human

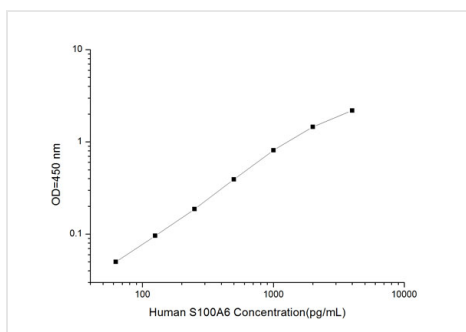
PRODUCT SYNONYMS

S100A6; Human S100A6 (S100 Calcium Binding Protein A6) ELISA Kit; S100A6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human S100A6 in samples. No significant cross-reactivity or interference between Human S100A6 and analogues was observed.
Sequence Length	90
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	62.5-4000pg/mL
Sensitivity	37.5pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human S100A6 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human S100A6 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for S100A6 elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human S100A6. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human S100A6 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human S100A6, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The OD value is proportional to the concentration of Human S100A6. You can calculate the concentration of Human S100A6 in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human S100A6 concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	14290498
NCBI GeneID	6277
UniProt Accession #	P06703; Q5RHS4; D3DV39
Molecular Weight	10,180 Da
NCBI Official Full Name	S100A6 protein
NCBI Official Synonym Full Names	S100 calcium binding protein A6
NCBI Official Symbol	S100A6
NCBI Official Synonym Symbols	2A9; PRA; 5B10; CABP; CACY
NCBI Protein Information	protein S100-A6; MLN 4; S100 calcium-binding protein A6 (calcyclin); growth factor-inducible protein 2A9; prolactin receptor-associated protein
UniProt Protein Name	Protein S100-A6
UniProt Gene Name	S100A6
UniProt Synonym Gene Names	CACY; PRA
UniProt Entry Name	S10A6_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://www.aaabiotech.com/human-elisa-kits/s100a6/163541>