

Human S100 calcium binding protein A6 ELISA Kit | S100A6 elisa kit

Human S100 calcium binding protein A6/calgranulin A, S100A6 ELISA Kit

CATALOG #
AAA80713

REACTIVITY
Human

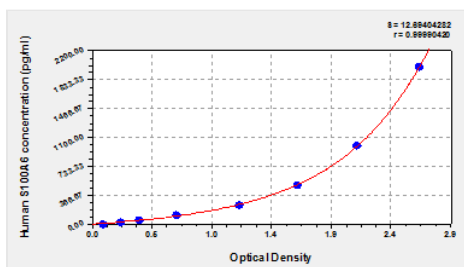
PRODUCT SYNONYMS

S100 calcium binding protein A6; Human S100 calcium binding protein A6/calgranulin A; S100A6 ELISA Kit; Human S100 calcium binding protein A6/calgranulin A (S100A6) ELISA Kit; 2A9; 5B10; CABP; CACY; PRA; OTTHUMP00000015473; S100 calcium-binding protein A6; S100 calcium-binding protein A6 (calcyclin) ; calcyclin; prolactin receptor-associated protein; S100A6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human S100A6. No significant cross-reactivity or interference between Human S100A6 and analogues was observed.
Sequence Length	90
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
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



ADDITIONAL INFORMATION

Related Product Information for S100A6 elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to S100A6. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for S100A6 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB (3,3',5,5' tetramethyl-benzidine) substrate solution is added to each well. Only those wells that contain S100A6, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of S100A6 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657532
NCBI GeneID	6277
NCBI Accession #	NP_055439.1
NCBI GenBank Nucleotide #	NM_014624.3
UniProt Accession #	P06703; Q5RHS4; D3DV39
Molecular Weight	10,180 Da
NCBI Official Full Name	protein S100-A6
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; calcyclin; growth factor-inducible protein 2A9; prolactin receptor-associated protein; S100 calcium-binding protein A6 (cacyclin)
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://stage.aaabiotech.com/s100a6-human-elisa-kits/s100-calcium-binding-protein-a6/80713>