

Human S100A11 ELISA Kit | S100A11 elisa kit

Human S100A11 (S100 Calcium Binding Protein A11) ELISA Kit

CATALOG #
AAA163559

REACTIVITY
Human

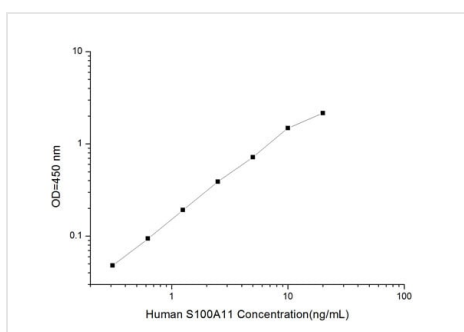
PRODUCT SYNONYMS

S100A11; Human S100A11 (S100 Calcium Binding Protein A11) ELISA Kit; S100A11 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human S100A11 in samples. No significant cross-reactivity or interference between Human S100A11 and analogues was observed.
Sequence Length	103
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.31-20ng/mL
Sensitivity	0.19ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human S100A11 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 S100A11 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 S100A11 elisa kit	Intended Uses: This ELISA kit applies to the invitro quantitative determination of HumanS100A11concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to S100A11. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for S100A11and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain S100A11, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid 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 S100A11. You can calculate the concentration of S100A11in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	148744993
NCBI GeneID	337886
Molecular Weight	11,382 Da
NCBI Official Full Name	S100A11 protein
NCBI Official Synonym Full Names	S100 calcium binding protein A11<
NCBI Official Symbol	S100A11
NCBI Protein Information	protein S100-A11; S100 calcium binding protein A11 (calgizzarin)
UniProt Protein Name	Protein S100
UniProt Gene Name	S100A11
UniProt Entry Name	Q862H7_BOVIN

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.