

Human S100 Calcium Binding Protein A1 (S100A1) ELISA Kit | S100A1 elisa kit

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CATALOG #
AAA120790

REACTIVITY
Human

PRODUCT SYNONYMS

S100 Calcium Binding Protein A1 (S100A1); Human S100 Calcium Binding Protein A1 (S100A1) ELISA Kit; S100A1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	94
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	5ng/L - 2000ng/L
Sensitivity	3.21ng/L
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for S100A1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human S100 Calcium Binding Protein A1 (also known as S100A1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human S100A1 antibody. S100A1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human S100A1 Antibody is added and binds to S100A1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated S100A1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human S100A1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	957950152
NCBI GeneID	6271
Molecular Weight	10,546 Da
NCBI Official Full Name	S100 calcium binding protein A1 isoform 1, partial
NCBI Official Synonym Full Names	S100 calcium binding protein A1
NCBI Official Symbol	S100A1
NCBI Official Synonym Symbols	S100; S100A; S100-alpha
NCBI Protein Information	protein S100-A1
UniProt Protein Name	Protein S100-A1
UniProt Gene Name	S100A1
UniProt Synonym Gene Names	S100A

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/s100-calcium-binding-protein-a1-s100a1/120790>