

Human S100 Calcium Binding Protein A7, S100A7 ELISA Kit | S100A7 elisa kit

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CATALOG #
AAA41442

REACTIVITY
Human

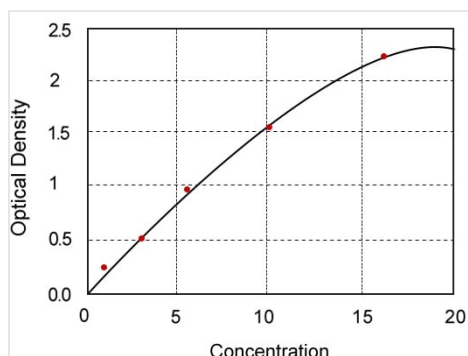
PRODUCT SYNONYMS

S100 Calcium Binding Protein A7; S100A7; Human S100 Calcium Binding Protein A7; S100A7 ELISA Kit; S100A7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	101
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	2ng/ml - 600ng/ml
Sensitivity	1.21ng/ml
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 S100A7 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human S100 Calcium Binding Protein A7 (also known as S100A7) 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 S100A7 antibody. S100A7 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human S100A7 Antibody is added and binds to S100A7 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated S100A7 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 S100A7. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	49457324
NCBI GeneID	6278
UniProt Accession #	P31151; Q5SY67; Q6FGE3; Q9H1E2
Molecular Weight	11,471 Da
NCBI Official Full Name	S100A7
NCBI Official Synonym Full Names	S100 calcium binding protein A7
NCBI Official Symbol	S100A7
NCBI Official Synonym Symbols	PSOR1; S100A7c
NCBI Protein Information	protein S100-A7
UniProt Protein Name	Protein S100-A7
UniProt Gene Name	S100A7
UniProt Synonym Gene Names	PSOR1; S100A7C

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/human-elisa-kits/s100-calcium-binding-protein-a7-s100a7/41442>