

Human S100 Calcium Binding Protein A14 (S100A14) ELISA Kit | S100A14 elisa kit

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CATALOG #
AAA43948

REACTIVITY
Human

PRODUCT SYNONYMS

S100 Calcium Binding Protein A14 (S100A14); Human S100 Calcium Binding Protein A14 (S100A14) ELISA Kit; S100A14 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	104
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 10ng/ml
Sensitivity	0.027ng/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 S100A14 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human S100 Calcium Binding Protein A14 (also known as S100A14) 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 S100A14 antibody. S100A14 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human S100A14 Antibody is added and binds to S100A14 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated S100A14 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 S100A14. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	20334354
Molecular Weight	11,662 Da
NCBI Official Full Name	S100 calcium binding protein A14
UniProt Protein Name	Protein S100-A14
UniProt Gene Name	S100A14
UniProt Synonym Gene Names	S100A15; S114

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-a14-s100a14/43948>