

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

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CATALOG #
AAA87245

REACTIVITY
Human

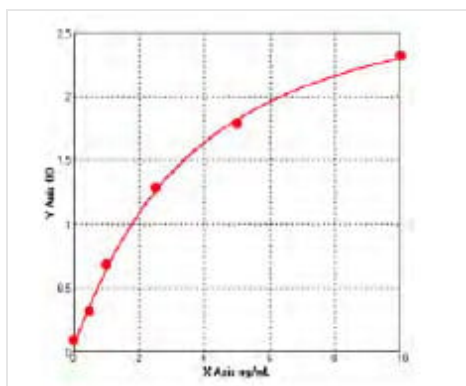
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Sandwich
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for S100A7 elisa kit

Intended Uses: This S100A7 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human S100A7. This ELISA kit for research use only!

Principle of the Assay: S100A7 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for S100A7. Standards or samples are then added to the microtiter plate wells and S100A7 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of S100A7 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for S100A7 are added to each well to "sandwich" the S100A7 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain S100A7 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The S100A7 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	49457324
UniProt Accession #	P31151; Q5SY67; Q6FGE3; Q9H1E2
Molecular Weight	11,471 Da
NCBI Official Full Name	S100A7
UniProt Protein Name	Protein S100-A7
UniProt Gene Name	S100A7
UniProt Synonym Gene Names	PSOR1; S100A7C
UniProt Entry Name	S10A7_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/s100a7-human-elisa-kits/s100-calcium-binding-protein-a7/87245>