

Rat S100 Calcium Binding Protein A13 ELISA Kit | S100A13 elisa kit

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CATALOG #
AAA81968

REACTIVITY
Rat

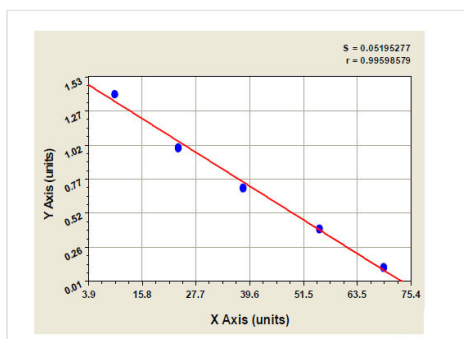
PRODUCT SYNONYMS

S100 Calcium Binding Protein A13; Rat S100 Calcium Binding Protein A13 ELISA Kit; S100A13 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/ml
Intended Uses	This S100A13 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat S100A13. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for S100A13 elisa kit

Principle of the assay: S100A13 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-S100A13 antibody and an S100A13-HRP conjugate. The assay sample and buffer are incubated together with S100A13-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the S100A13 concentration since S100A13 from samples and S100A13-HRP conjugate compete for the anti-S100A13 antibody binding site. Since the number of sites is limited, as more sites are occupied by S100A13 from the sample, fewer sites are left to bind S100A13-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The S100A13 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	62632859
Molecular Weight	11,471 Da
NCBI Official Full Name	S100A13, partial
UniProt Protein Name	Protein S100-A13
UniProt Gene Name	S100A13
UniProt Entry Name	S10AD_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/s100a13-rat-elisa-kits/s100-calcium-binding-protein-a13/81968>