

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

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CATALOG #
AAA92146

REACTIVITY
Sheep

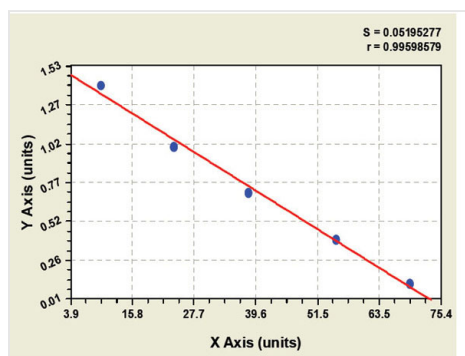
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

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

IMAGES



Standard Curve (Sample)

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.

Product Categories/Family for S100A13 elisa kit

Signal Transduction

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-sheep-elisa-kits/s100-calcium-binding-protein-a13/92146>