

Goat Sex Determining Region Y Box Protein 1 ELISA Kit | SOX1 elisa kit

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CATALOG # AAA91823	REACTIVITY Goat
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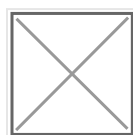
PRODUCT SYNONYMS

Sex Determining Region Y Box Protein 1; Goat Sex Determining Region Y Box Protein 1 ELISA Kit; SOX1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This SOX1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat SOX1. 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 SOX1 elisa kit	<p>Principle of the assay: SOX1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-SOX1 antibody and an SOX1-HRP conjugate. The assay sample and buffer are incubated together with SOX1-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 SOX1 concentration since SOX1 from samples and SOX1-HRP conjugate compete for the anti-SOX1 antibody binding site. Since the number of sites is limited, as more sites are occupied by SOX1 from the sample, fewer sites are left to bind SOX1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SOX1 concentration in each sample is interpolated from this standard curve.</p>
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NCBI AND UNIPROT INFORMATION

NCBI GI #	84570560
NCBI Official Full Name	Sox1

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.

