Porcine Sex Determining Region Y Box Protein 18 ELISA Kit | SOX18 elisa kit

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CATALOG #	REACTIVITY
AAA88287	**Porcine**

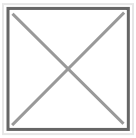
PRODUCT SYNONYMS

Sex Determining Region Y Box Protein 18; Porcine Sex Determining Region Y Box Protein 18 ELISA Kit; SOX18 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This SOX18 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine SOX18. 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 SOX18 elisa kit	**Principle of the Assay:** SOX18 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-SOX18 antibody and an SOX18-HRP conjugate. The assay sample and buffer are incubated together with SOX18-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 SOX18 concentration since SOX18 from samples and SOX18-HRP conjugate compete for the anti-SOX18 antibody binding site. Since the number of sites is limited, as more sites are occupied by SOX18 from the sample, fewer sites are left to bind SOX18-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SOX18 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for SOX18 elisa kit	Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	7658011
Molecular Weight	40,891 Da
NCBI Official Full Name	SOX18

UniProt Protein Name	Transcription factor SOX-18
UniProt Gene Name	**SOX18**
UniProt Entry Name	SOX18_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/sox18-porcine-elisa-kits/sex-determining-region-y-box-protein-18/88287