

Human Transcription factor SOX-18 ELISA Kit | SOX18 elisa kit

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CATALOG #
AAA98224

REACTIVITY
Human

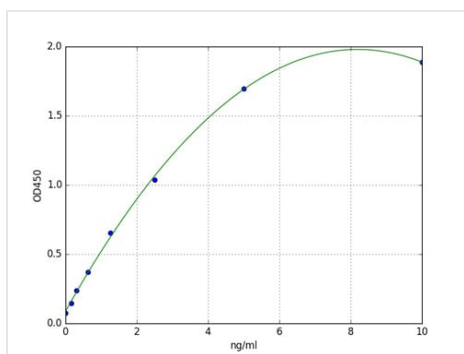
PRODUCT SYNONYMS

Transcription factor SOX-18; Human Transcription factor SOX-18 ELISA Kit; SOX18/HLTS/SRY (sex determining region Y)-box 18/SRY-box 18/transcription factor SOX-18; SOX18 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	384
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Results of a typical standard run of a human SOX18 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.034	0.101	0.182	0.341	0.643	1.136	1.664	2.035

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SOX18 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-human SOX18 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-human SOX18 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the human SOX18 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of human SOX18 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	8924248
NCBI GeneID	54345
NCBI Accession #	NP_060889.1
NCBI GenBank Nucleotide #	NM_018419.2
Molecular Weight	40,891 Da
NCBI Official Full Name	transcription factor SOX-18
NCBI Official Synonym Full Names	SRY-box 18
NCBI Official Symbol	SOX18
NCBI Official Synonym Symbols	HLTS; HLTRS
NCBI Protein Information	transcription factor SOX-18
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-human-elisa-kits/transcription-factor-sox-18/98224>