

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

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CATALOG #
AAA81934

REACTIVITY
Human

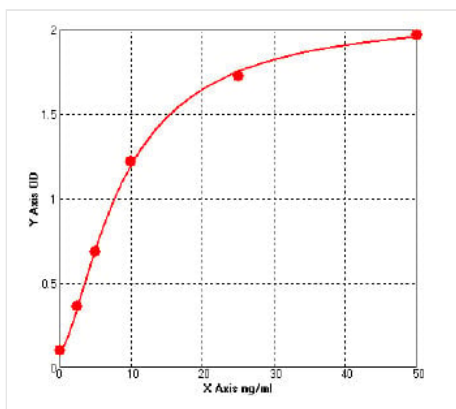
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of SOX1. No significant cross-reactivity or interference between SOX1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between SOX1 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive or Sandwich
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Highest Standards	25ng/mL
Concentration of Standards	Concentration of Standards
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SOX1 elisa kit	Principle of the Assay: SOX1 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for SOX1. Standards or samples are then added to the microtiter plate wells and SOX1 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of SOX1 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for SOX1 are added to each well to "sandwich" the SOX1 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain SOX1 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. 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. Intended Uses: This SOX1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human SOX1. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for SOX1 elisa kit	Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	84570560
Molecular Weight	41,059 Da
NCBI Official Full Name	Sox1
UniProt Protein Name	Transcription factor Sox-1
UniProt Gene Name	sox1
UniProt Synonym Gene Names	XISox1; xSox1
UniProt Entry Name	SOX1_XENLA

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/sox1-human-elisa-kits/sex-determining-region-y-box-protein-1/81934>