

Human Transcription factor SOX-2, SOX2 ELISA Kit | SOX2 elisa kit

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CATALOG #
AAA123695

REACTIVITY
Human

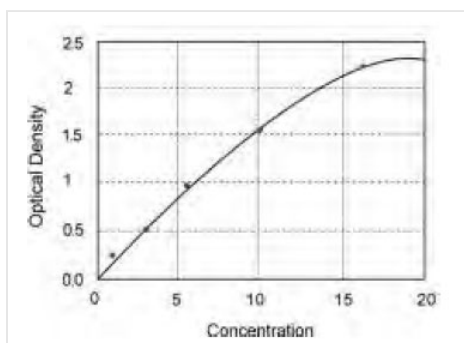
PRODUCT SYNONYMS

Transcription factor SOX-2; SOX2; Human Transcription factor SOX-2; SOX2 ELISA Kit; SOX2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	320
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.05-20ng/mL
Sensitivity	0.019ng/mL
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SOX2 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human SOX2 antibody. SOX2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human SOX2 Antibody is added and binds to SOX2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated SOX2 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human SOX2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Transcription factor SOX-2 (also known as SOX2) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	968121882
NCBI GeneID	101110563
NCBI GenBank Nucleotide #	NP_001305003.1
UniProt Accession #	P54231
NCBI Official Full Name	transcription factor SOX-2
NCBI Official Symbol	SOX2
NCBI Protein Information	transcription factor SOX-2
UniProt Protein Name	Transcription factor SOX-2
UniProt Gene Name	SOX2

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/transcription-factor-sox-2-sox2/123695>