

Rat Transcription factor Sp1 ELISA Kit | Sp1 elisa kit

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CATALOG #
AAA193993

REACTIVITY
Rat

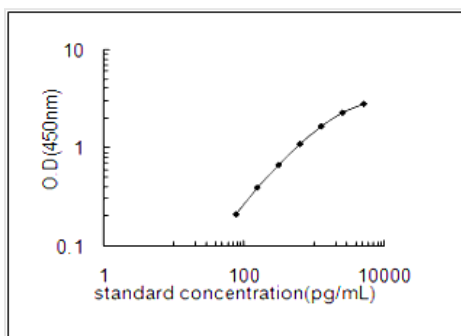
PRODUCT SYNONYMS

Transcription factor Sp1; Rat Transcription factor Sp1 ELISA Kit; Sp1; Sp1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat Transcription factor Sp1. No significant cross-reactivity or interference was observed.
Sequence Length	786
Assay Type	Sandwich
Detection Range	78-5000 pg/mL
Sensitivity	39.4 pg/mL
Intra-Assay CV	<=8.4%
Inter-Assay CV	<=9.8%
Recovery	107%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Sp1 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of rat Transcription factor Sp1 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay The microtiter plate provided in this kit has been pre-coated with an antibody specific to Transcription factor Sp1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Transcription factor Sp1 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Transcription factor Sp1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Transcription factor Sp1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	164414419
NCBI GeneID	24790
NCBI Accession #	NP_036787.2
NCBI GenBank Nucleotide #	NM_012655.2
UniProt Accession #	Q01714; Q8K4R0
Molecular Weight	80,772 Da
NCBI Official Full Name	transcription factor Sp1
NCBI Official Synonym Full Names	Sp1 transcription factor
NCBI Official Symbol	Sp1
NCBI Protein Information	transcription factor Sp1
UniProt Protein Name	Transcription factor Sp1
UniProt Gene Name	Sp1
UniProt Entry Name	SP1_RAT

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/rat-elisa-kits/transcription-factor-sp1/193993>