

Mouse Transcription factor jun-D (JUND) ELISA Kit | JUND elisa kit

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CATALOG #
AAA245164

REACTIVITY
Mouse

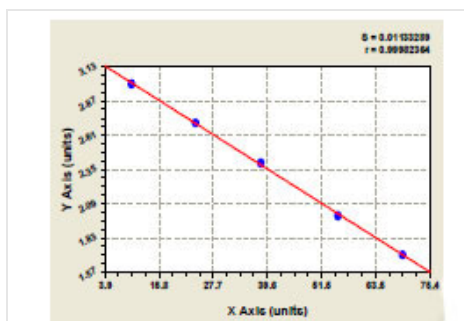
PRODUCT SYNONYMS

Transcription factor jun-D (JUND); Mouse Transcription factor jun-D (JUND) ELISA Kit; JUND elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for JUND elisa kit

Intended Uses: This JUND ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse JUND.

Principle of the Assay: JUND ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-JUND antibody and an JUND-HRP conjugate. The assay sample and buffer are incubated together with JUND-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 JUND concentration since JUND from samples and JUND-HRP conjugate compete for the anti-JUND antibody binding site. Since the number of sites is limited, as more sites are occupied by JUND from the sample, fewer sites are left to bind JUND-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The JUND concentration in each sample is interpolated from this standard curve.

Product Categories/Family for JUND elisa kit

[Epigenetics and Nuclear Signaling](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	558695424
NCBI GeneID	3727
NCBI Accession #	NP_001273897.1
NCBI GenBank Nucleotide #	NM_001286968.1
Molecular Weight	35,174 Da
NCBI Official Full Name	transcription factor jun-D isoform deltaJunD
NCBI Official Synonym Full Names	jun D proto-oncogene
NCBI Official Symbol	JUND
NCBI Official Synonym Symbols	AP-1
NCBI Protein Information	transcription factor jun-D; JunD-FL isoform; activator protein 1
UniProt Protein Name	Transcription factor jun-D
UniProt Gene Name	JUND
UniProt Entry Name	JUND_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/mouse-elisa-kits/transcription-factor-jun-d-jund/245164>