

Rat Transcriptional enhancer factor TEF-3 (TEAD4) ELISA Kit | TEAD4 elisa kit

Rat Transcriptional enhancer factor TEF-3 (TEAD4) ELISA Kit

CATALOG #
AAA246443

REACTIVITY
Rat

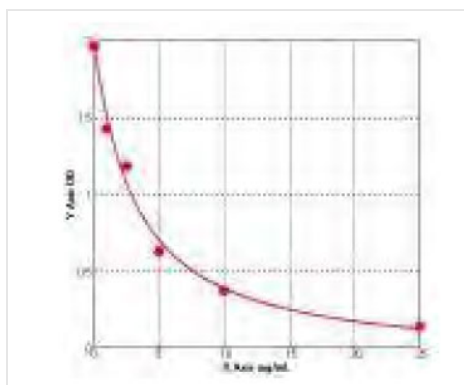
PRODUCT SYNONYMS

Transcriptional enhancer factor TEF-3 (TEAD4); Rat Transcriptional enhancer factor TEF-3 (TEAD4) ELISA Kit; TEAD4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of TEAD4. No significant cross-reactivity or interference between TEAD4 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between TEAD4 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 mg/ml
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TEAD4 elisa kit	Principle of the Assay: TEAD4 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-TEAD4 antibody and an TEAD4-HRP conjugate. The assay sample and buffer are incubated together with TEAD4-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 TEAD4 concentration since TEAD4 from samples and TEAD4-HRP conjugate compete for the anti-TEAD4 antibody binding site. Since the number of sites is limited, as more sites are occupied by TEAD4 from the sample, fewer sites are left to bind TEAD4-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TEAD4 concentration in each sample is interpolated from this standard curve. Intended Uses: This TEAD4 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat TEAD4. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for TEAD4 elisa kit	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	46411156
NCBI GeneID	7004
NCBI Accession #	NP_958849.1
NCBI GenBank Nucleotide #	NM_201441.2
Molecular Weight	44,058 Da
NCBI Official Full Name	transcriptional enhancer factor TEF-3 isoform 2
NCBI Official Synonym Full Names	TEA domain family member 4
NCBI Official Symbol	TEAD4
NCBI Official Synonym Symbols	TEF3; RTEF1; TEF-3; EFTR-2; TEFR-1; TCF13L1; hRTEF-1B
NCBI Protein Information	transcriptional enhancer factor TEF-3; transcription factor RTEF-1; transcription factor 13-like 1; transcriptional enhancer factor 3; related transcription enhancer factor 1B; transcriptional enhancer factor 1-related
UniProt Protein Name	Transcriptional enhancer factor TEF-3
UniProt Gene Name	TEAD4
UniProt Synonym Gene Names	RTEF1; TCF13L1; TEF3; TEAD-4
UniProt Entry Name	TEAD4_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.