

Mouse Cripto ELISA Kit | TDGF1 elisa kit

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CATALOG #
AAA263144

REACTIVITY
Mouse

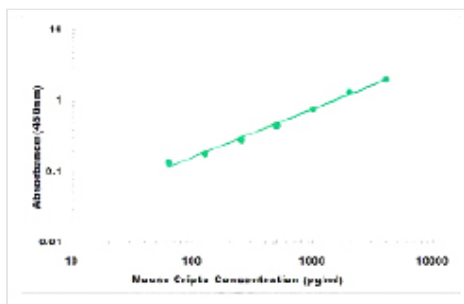
PRODUCT SYNONYMS

Cripto; Mouse Cripto ELISA Kit; CRIPTO; Teratocarcinoma-derived growth factor 1; Cripto-1 growth factor; CRGF; Epidermal growth factor-like cripto protein CR1; TDGF1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	The Mouse Cripto ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Mouse Cripto proteins within the range of 62.5 pg/ml - 4000 pg/ml.
Sequence Length	171
Samples	Cell Culture Supernates, Serum, Plasma
Sensitivity	<10 pg/ml
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TDGF1 elisa kit

Principle of the Assay: The Mouse Cripto ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Mouse Cripto in Cell Culture Supernates, Serum, Plasma. This assay employs an antibody specific for Mouse Cripto coated on a 96-well plate. Standards and samples are pipetted into the wells and Cripto present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Mouse Cripto antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of Cripto bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm.

Background: Teratocarcinoma-derived growth factor 1 is a protein that in humans is encoded by the TDGF1 gene. It is mapped to 3p23-p21. The protein is an extracellular, membrane-bound signaling protein that plays an essential role in embryonic development and tumor growth. Mutations in this gene are associated with forebrain defects. Pseudogenes of this gene are found on chromosomes 2, 3, 6, 8, 19 and X. Alternate splicing results in multiple transcript variants.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1706128
NCBI GeneID	21667
UniProt Accession #	P51865
Molecular Weight	18,754 Da
NCBI Official Full Name	Teratocarcinoma-derived growth factor
NCBI Official Synonym Full Names	teratocarcinoma-derived growth factor 1
NCBI Official Symbol	Tdgf1
NCBI Official Synonym Symbols	CR1; cripto
NCBI Protein Information	teratocarcinoma-derived growth factor
UniProt Protein Name	Teratocarcinoma-derived growth factor
UniProt Gene Name	Tdgf1
UniProt Synonym Gene Names	Cripto
UniProt Entry Name	TDGF1_MOUSE

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/tdgf1-mouse-elisa-kits/cripto/263144>