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Datasheet for ABIN6720248

TDGF1 ELISA Kit

Overview

Quantity:	1 kit
Target:	TDGF1
Reactivity:	Mouse
Method Type:	Sandwich ELISA
Detection Range:	62.5 pg/mL - 4000 pg/mL
Minimum Detection Limit:	62.5 pg/mL
Application:	ELISA

Product Details

Purpose:	Sandwich ELISA for Quantitative Detection of Antigen
Sample Type:	Cell Culture Supernatant, Plasma (EDTA - heparin), Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric

Characteristics:	<p>Synonyms: CR, CRGF, Cripto 1, Cripto 1 growth factor, cripto, Cripto-1 growth factor, Cripto1, Cripto1 growth factor, Epidermal growth factor like cripto protein CR1, Epidermal growth factor-like cripto protein CR1, TDGF 1, TDGF1, TDGF1_HUMAN, Teratocarcinoma derived growth factor 1, Teratocarcinoma-derived growth factor 1</p> <p>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</p>
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Product Details

found on chromosomes 2, 3, 6, 8, 19 and X. Alternate splicing results in multiple transcript variants.

Gene Name: TDGF1

Production: Natural and recombinant mouse Cripto. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: NSO, Immunogen sequence: R26-Q150

Target Details

Target:	TDGF1
Alternative Name:	Cripto - TDGF1 (TDGF1 Products)
Gene ID:	21667
NCBI Accession:	NP_033545
UniProt:	P51865
Pathways:	EGFR Signaling Pathway

Application Details

Application Notes:	<p>Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 4000pg/mL, 2000pg/mL, 1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL, 62.5pg/mL mouse Cripto standard solutions into the precoated 96-well plate. Add 0.1 mL of the sample diluent buffer into the control well (Zero well). Add 0.1 mL of each properly diluted sample of mouse cell culture supernates, serum or plasma(heparin, EDTA) to each empty well. We recommend that each mouse Cripto standard solution and each sample is measured in duplicate.</p> <p>Blood Product Anticoagulant: Heparin Sodium</p> <p>ELISA Dilution: 62.5pg/mL-4000pg/mL</p>
Sample Volume:	100 µL
Plate:	Pre-coated
Restrictions:	For Research Use only

Handling

Storage:	RT,4 °C,-20 °C
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Handling

Storage Comment: Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing.