

Datasheet for KOA0848**Mouse Cripto - TDGF1 ELISA Kit****Overview**

Description:	Mouse Cripto/TDGF1 AccuSignal ELISA Kit - KOA0848
Item No.:	KOA0848
Size:	1 Kit
Applications:	ELISA
Reactivity:	Mouse
Range:	62.5 pg/ml - 4000 pg/ml

Product Details

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.
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
Detection Kit Type:	ELISA Kit
Detection Range:	62.5 pg/ml - 4000 pg/ml
Sensitivity:	<10 pg/ml

Target Details

Gene Name:	TDGF1
Reactivity:	Mouse
Immunogen:	Expression system for standard: NSO; Immunogen sequence: R26-Q150
Purity/Specificity:	Natural and recombinant mouse Cripto. There is no detectable cross-reactivity with other relevant proteins.

Relevant Links:	• UniProtKB - P51865 • NCBI - NP_033545.1 • GeneID - 21667 • KOA0848 Protocol
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Application Details

Tested Applications:	ELISA
Application Note:	Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1ml 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 0.1ml of the sample diluent buffer into the control well (Zero well). Add 0.1ml 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.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
Other:	Detection Range 62.5 pg/ml - 4000 pg/ml DOE: @4°C 05/29/2025 @-20°C 11/29/2025

Formulation

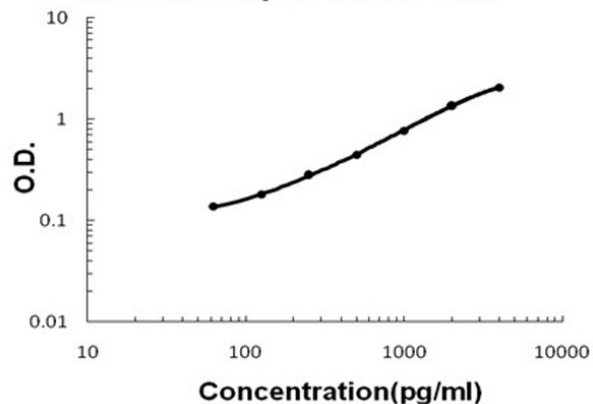
Concentration:	1 Kit
Anticoagulant:	Heparin Sodium

Shipping & Handling

Shipping Condition:	Wet Ice
Storage Condition:	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.
Expiration:	See kit insert for complete instructions.

Images

Mouse Cripto ELISA Kit



ELISA

Mouse Cripto/TDGF1 ELISA Kit standard curve.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.