

Datasheet for KOA0642

Mouse TNFRSF13C - BAFFR ELISA Kit**Overview**

Description:	Mouse TNFRSF13C/BAFFR AccuSignal ELISA Kit - KOA0642
Item No.:	KOA0642
Size:	1 Kit
Applications:	ELISA
Reactivity:	Mouse
Range:	78 pg/ml - 5000 pg/ml

Product Details

Background:	Tumor necrosis factor receptor superfamily member 13C also known as B-cell-activating factor receptor or BAFF receptor is a protein that in humans is encoded by the TNFRSF13C gene. By homology to a BAC clone, the BAFFR gene was mapped to chromosome 22q13.1-q13.31. B-cell activating factor(BAFF) enhances B-cell survival in vitro and is a regulator of the peripheral B-cell population. The protein encoded by this gene is a receptor for BAFF and is a type III transmembrane protein containing a single extracellular phenylalanine-rich domain. It is thought that this receptor is the principal receptor required for BAFF-mediated mature B-cell survival.
Synonyms:	B Cell Activating Factor Receptor, B-cell-activating factor receptor, BAFF R, BAFF receptor, BAFF-R, BAFFR, BLyS receptor 3, BlySR3, BR 3, BR3, BROMIX, CD 268, CD268, CD268 antigen, CVID4, MGC138235, OTTHUMP00000028746, Prolixin, TNFRSF 13C, TNFRSF13C, TR13C_HUMAN, Tumor Necrosis Factor Receptor Subunit Member 13C, Tumor necrosis factor receptor superfamily member 13C
Detection Kit Type:	ELISA Kit
Detection Range:	78 pg/ml - 5000 pg/ml
Sensitivity:	<10 pg/ml

Target Details

Gene Name:	TNFRSF13C
Reactivity:	Mouse

Immunogen:	Expression system for standard: NSO; Immunogen sequence: S10-A71
Purity/Specificity:	Natural and recombinant mouse TNFRSF13C. There is no detectable cross-reactivity with other relevant proteins.
Relevant Links:	• UniProtKB - Q9D8D0 • NCBI - NP_082351.1 • GeneID - 72049 • KOA0642 Protocol

Application Details

Tested Applications:	ELISA
Application Note:	Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1ml per well of 5000pg/ml, 2500pg/ml, 1250pg/ml, 625pg/ml, 313pg/ml, 156pg/ml, 78pg/ml mouse TNFRSF13C standard solutions into the pre-coated 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. It is recommended that each mouse TNFRSF13C standard solution and each sample be measured in duplicate.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

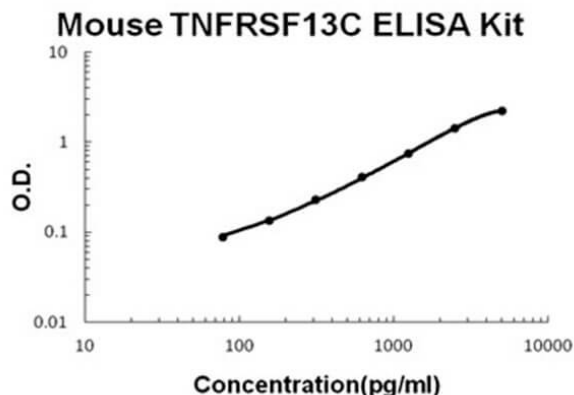
Formulation

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



ELISA

Mouse TNFRSF13C/BAFFR AccuSignal ELISA Kit standard curve. Assay Range: 78pg/ml-5000pg/ml.
Sensitivity: <10pg/ml.

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.