

Mouse CSF1R/M-CSFR AccuSignal ELISA Kit - KOA0479
Code: KOA0479

Size: 1 Kit

Product Description: Mouse CSF1R/M-CSFR AccuSignal ELISA Kit - KOA0479

Concentration: 1 Kit

PhysicalState:

Label	Unconjugated
Gene Name	CSF1R
Species Reactivity	Mouse
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.
Synonyms	C FMS, CD 115, CD115, CD115 antigen, CFMS, Colony stimulating factor 1 receptor, CSF-1 receptor, CSF-1-R, CSF1R_HUMAN, CSFR, FIM2, FMS, FMS proto oncogene, FMS protooncogene, HDLS, M-CSF Receptor, M-CSF-R, Macrophage colony stimulating factor 1 receptor, Macrophage colony-stimulating factor 1 receptor, McDonough feline sarcoma viral (v fms) oncogene homolog, Oncogen FMS, Proto-oncogene c-Fms, V-FMS McDonough feline sarcoma viral oncogen homolog
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 CSF1R 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. It is recommended that each mouse CSF1R standard solution and each sample be measured in duplicate.
Background	CSF1R (Colony stimulating factor 1 receptor), also known as M-CSFR and CD115, is a cell-surface protein encoded, in humans, by the CSF1R gene. The gene is located on long arm of chromosome 5(5q32) on the Crick(minus) strand. The encoded protein is a tyrosine kinase transmembrane receptor and member of the CSF1/PDGF receptor family of tyrosine-protein kinases. The encoded protein is a single pass type I membrane protein and acts as the receptor for colony stimulating factor 1, a cytokine which controls the production, differentiation, and function of macrophages. Both CSF1R, and its ligand colony stimulating factor 1 play an important role in the development of the mammary gland and may be involved in the process of mammary gland carcinogenesis.
Purity And Specificity	Natural and recombinant mouse CSF1R. There is no detectable cross-reactivity with other relevant proteins.
ELISA	62.5 pg/ml-4000 pg/ml
Expiration	See kit insert for complete instructions.
Immunogen	Expression system for standard: NSO; Immunogen sequence: A20-S511
Anti-Coagulant	Heparin Sodium

Related Products

MB-008	10X PBS pH 7.2 (0.2 M Potassium Phosphate 1.5 M Sodium Chloride) - MB-008
MB-012	10X TBS pH 7.5 (1.0 M Tris HCl 1.5 M Sodium Chloride) - MB-012
MB-013	10X TTBS pH 7.5 (1.0 M Tris HCl 1.5 M Sodium Chloride 0.1% (w/v) Tween-20) - MB-013
MB-075-1000	10X PBST (0.2 M Potassium Phosphate 1.5 M Sodium Chloride, 0.5% (v/v) Tween-20, pH 7.2) - MB-075-1000

Related Links

UniProtKB - P09581

<http://www.uniprot.org/uniprot/P09581>

 NCBI - http://www.ncbi.nlm.nih.gov/protein/NP_001032948.2

GeneID - 12978

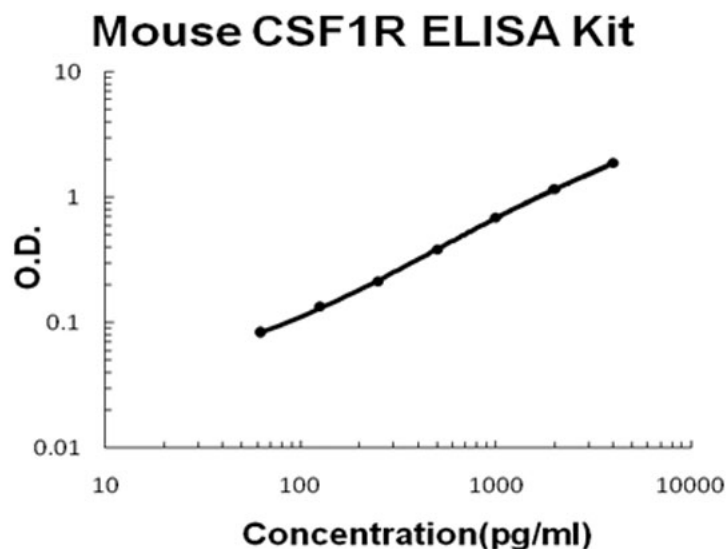
<http://www.ncbi.nlm.nih.gov/sites/entrez?db=gene&term=12978>

KOA0479 Protocol [http://www.rockland-inc.com/uploadedfiles/Support/KOA0479%20\(AZP\).pdf](http://www.rockland-inc.com/uploadedfiles/Support/KOA0479%20(AZP).pdf)

Images

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Mouse CSF1R/M-CSFR AccuSignal ELISA Kit standard curve. Assay Range: 62.5pg/ml-4000pg/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.