

Rat MIP-1 alpha/CCL3 AccuSignal ELISA Kit - KOA0712

Code: KOA0712

Size: 1 Kit

Product Description: Rat MIP-1 alpha/CCL3 AccuSignal ELISA Kit - KOA0712

Concentration: 1 Kit

PhysicalState:

Label	Unconjugated
Gene Name	CCL3
Species Reactivity	Rat
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 C motif chemokine 3, CCL3_HUMAN, Chemokine ligand 3, G0/G1 switch regulatory protein 19 1, G0S19 1, G0S19 1 protein, Heparin binding chemotaxis protein, L2G25B, LD78-alpha(4-69), LD78ALPHA, Macrophage inflammatory protein 1 alpha, Macrophage inflammatory protein 1-alpha, MIP 1 alpha, MIP-1-alpha, MIP-1-alpha(4-69), MIP1A, PAT 464.1, SCYA 3, SCYA3, SIS alpha, SIS beta, SIS-beta, Small inducible cytokine A3, Small-inducible cytokine A3, Tonsillar lymphocyte LD78 alpha protein
Application Note	Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1ml per well of the 500pg/ml, 250pg/ml, 125pg/ml, 62.5pg/ml, 31.3pg/ml, 15.6pg/ml, 7.8pg/ml rat MIP-1 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 rat cell culture supernates, serum or plasma (heparin, EDTA, citrate) to each empty well. It is recommended that each rat MIP-1 standard solution and each sample be measured in duplicate.
Background	Macrophage inflammatory protein-1 alpha (MIP-1 alpha), also called CCL3, LD78. The cDNA for MIP-1 alpha predicts a mature peptide of 69 amino acids with a molecular mass of 7,889 daltons. LD78 is a member of a newly identified superfamily of small inducible proteins involved in inflammatory responses, wound healing and tumorigenesis. MIP-1 alpha is a chemokine that has pro-inflammatory and stem cell inhibitory activities in vitro. It constitutes an important second signal for mast cell degranulation in the conjunctiva in vivo and consequently for acute-phase disease.
Purity And Specificity	Natural and recombinant rat MIP-1 alpha. There is no detectable cross-reactivity with other relevant proteins.
ELISA	7.8pg/ml-500pg/ml
Expiration	See kit insert for complete instructions.
Immunogen	Expression system for standard: E.coli; Immunogen sequence: A24-A92
Anti-Coagulant	Heparin Sodium

Related Products

200-401-B61	Anti-Swine CCL3L1 (RABBIT) Antibody - 200-401-B61
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

Related Links

UniProtKB - P50229

<http://www.uniprot.org/uniprot/P50229>

NCBI - NP_037157.2

http://www.ncbi.nlm.nih.gov/protein/NP_037157.2

GeneID - 25542

<http://www.ncbi.nlm.nih.gov/sites/entrez?db=gene&term=25542>

KOA0712 Protocol <http://www.rockland-inc.com/uploadedfiles/Support/KOA0712%20GBL.pdf>

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.