

Product Datasheet

CCL20/MIP-3 alpha ELISA Development Kit DDXK-E-MIP-3-alpha

Unit Size: 1 Kit (for 3 Plates)

Storage of components varies. See protocol for specific instructions.

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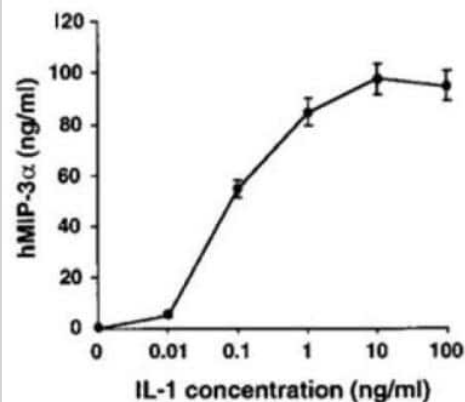


DDXK-E-MIP-3-alpha**CCL20/MIP-3 alpha ELISA Development Kit**

Product Information	
Unit Size	1 Kit (for 3 Plates)
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Storage of components varies. See protocol for specific instructions.
Product Description	
Gene ID	6364
Gene Symbol	CCL20
Species	Human
Specificity/Sensitivity	These clones were used to set up a human MIP3-alpha specific ELISA, which also detects macaque MIP3 alpha. No cross-reactivity with MIP1 alpha, MIP1 Beta, MIP1 delta, MIP3 beta, eotaxin, 6Ckine, Rantes, MCP-1, TARC, MDC, TECK, SDF-1 and IP-10 was detected (Dieu-Nosjean et al, J;Exp.med, 2000 192: 705-18).
Kit Components	Capture Antibody: 0.5 mg/mL of mouse anti-MIP3 alpha monoclonal antibody (clone 319F6)., Detection Antibody: 0.5mg/mL of HRPO-conjugated anti-MIP3 alpha mouse monoclonal antibody (clone 206D9)., Standard: Each vial contains 1 g/mL of recombinant human MIP3 alpha produced, purified and concentrated from eukaryotic cells. A 7-point standard curve using 2-fold serial dilutions in sample dilution buffer, and a high standard of 20 ng /mL is recommende
Notes	This product is manufactured by Eurobio Scientific (formerly Dendritics) and distributed by Novus Biologicals.
Standard Curve Range	0.01 - 20ng/ml
Sensitivity	0.2ng/ml
Assay Type	Sandwich ELISA
Suitable Sample Type	Human cell culture supernatants, plasma, serum, and various biological fluids
Sample Volume	100 uL
Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA
Application Notes	The human MIP-3 alpha ELISA kit is for quantitative determination of MIP3 alpha concentrations in human cell culture supernatants and biological fluids (plasma, serum). This kit is for research purpose only.

Images

ELISA: CCL20/MIP-3 alpha ELISA Kit [DDXK-E-MIP-3-alpha] - Analysis of MIP-3alpha secretion by CHA cell line cultured in the presence of increasing doses of IL1-beta



Publications

Li Q et al. Glycerol monolaurate prevents mucosal SIV transmission. *Nature* 2009-04-23 [PMID: 19262509]

Dieu-Nosjean MC et al. Macrophage inflammatory protein 3alpha is expressed at inflamed epithelial surfaces and is the most potent chemokine known in attracting Langerhans cell precursors. *J Exp Med* 2000-09-04 [PMID: 10974036]

Homey B, Dieu-Nosjean MC, Wiesenborn A et al. Up-regulation of macrophage inflammatory protein-3 alpha/CCL20 and CC chemokine receptor 6 in psoriasis. *J Immunol* 2000-06-15 [PMID: 10843722]

Doi T, Sakoda T, Akagami T et al. Aldosterone induces interleukin-18 through endothelin-1, angiotensin II, Rho/Rho-kinase, and PPARs in cardiomyocytes. *Am J Physiol Heart Circ Physiol*. 2008-09-01 [PMID: 18660453] (Rat)

Details:

Primary cultures of rat neonatal rat cardiomyocytes treated with various stimulators or drugs: Figs 7A-7B, Supplemental Figs. S3A-S3D.



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to DDXK-E-MIP-3-alpha

NBP2-35091-5ug	Recombinant Mouse CCL20/MIP-3 alpha Protein
210-TA-005	TNF-alpha [Unconjugated]
DM3A00	CCL20/MIP-3 alpha [HRP]
M6000B-1	IL-6 [HRP]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Kits are guaranteed for 6 months from date of receipt.

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