

Product Datasheet

Rat CXCL1/GRO alpha/KC/CINC-1 ELISA Kit (Colorimetric) KA0554

Unit Size: 1 Kit

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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KA0554**Rat CXCL1/GRO alpha/KC/CINC-1 ELISA Kit (Colorimetric)**

Product Information	
Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

Product Description	
Description	Cxcl1 (Rat) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of rat Cxcl1.
Gene ID	2919
Gene Symbol	CXCL1
Species	Rat
Kit Components	One 96-well plate precoated with anti- rat CXCL1 antibody, Lyophilized recombinant rat CXCL1 standard, Biotinylated anti- rat CXCL1 antibody, dilution 1:100, Avidin-Biotin-Peroxidase Complex (ABC), dilution 1:100, Sample diluent buffer, Antibody diluent buffer, ABC diluent buffer, TMB color developing agent, TMB stop solution
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Standard Curve Range	15.6 to 1000 pg/mL
Sensitivity	<1 pg/mL
Assay Type	Sandwich ELISA
Suitable Sample Type	Cell Culture Supernatant, Plasma (EDTA), Serum
Sample Volume	100 uL

Product Application Details	
Applications	ELISA, Quantification
Recommended Dilutions	ELISA, Quantification

Publications

Negishi T, Matsumoto M, Kobayashi Y et al. Dysregulation of MAP kinase signaling pathways including p38MAPK, SAPK/JNK, and ERK1/2 in cultured rat cerebellar astrocytes exposed to diphenylarsinic acid. *Toxicol Sci* 2017-01-13 [PMID: 28087833]

Negishi T, Matsumoto M, Kojima M et al. Diphenylarsinic acid induced activation of cultured rat cerebellar astrocytes: phosphorylation of mitogen-activated protein kinases, upregulation of transcription factors, and release of brain-active cytokines. *Toxicol Sci* 2015-12-08 [PMID: 26645585]

Lee HH, Farber JM. Localization of the gene for the human MIG cytokine on chromosome 4q21 adjacent to INP10 reveals a chemokine 'mini-cluster'. *Cytogenet Cell Genet.* 1996-01-01 [PMID: 8976378]

O'Donovan N, Galvin M, Morgan JG. Physical mapping of the CXC chemokine locus on human chromosome 4. *Cytogenet Cell Genet.* 1999-01-01 [PMID: 10343098]

Tensen CP, Flier J, Van Der Raaij-Helmer EM et al. Human IP-9: A keratinocyte-derived high affinity CXC-chemokine ligand for the IP-10/Mig receptor (CXCR3). *J Invest Dermatol.* 1999-05-01 [PMID: 10233762]





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Products Related to KA0554

NBP2-35250-5ug	Recombinant Rat CXCL1/GRO alpha/KC/CINC-1 Protein
210-TA-005	TNF-alpha [Unconjugated]
DY453-05	CXCL1/GRO alpha/KC/CINC-1 [Biotin]
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. ELISA Kits are guaranteed for 6 months from date of receipt.

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