

CXCL3/CINC-2α/β Polyclonal Antibody(Capture/Detector)

catalog number: AN003790P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

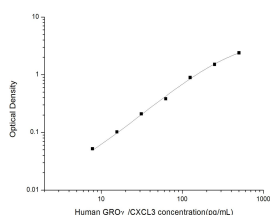
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|---------------------|--|
| Reactivity | Human |
| Immunogen | Recombinant Human CXCL3/CINC-2α/β Protein expressed by E.coli |
| Host | Rabbit |
| Isotype | Rabbit IgG |
| Purification | Antigen Affinity Purification |
| Conjugation | Unconjugated |
| Buffer | Phosphate buffered solution, pH 7.2, containing 0.05% proclin 300. |

Applications

Recommended Dilution

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|-----------------------|---------------|
| ELISA Capture | 2-8 µg/mL |
| ELISA Detector | 0.1-0.4 µg/mL |

Data



Sandwich ELISA-Recombinant Human CXCL3/CINC-2α/β Protein standard curve. Background subtracted standard curve using Anti-CXCL3/CINC-2α/β antibody(AN003790P) (Capture), Anti-CXCL3/CINC-2α/β antibody(AN003790P) (Detector). The reference range value is 7.81-500 pg/mL for human.

Preparation & Storage

| | |
|-----------------|--|
| Storage | Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles. |
| Shipping | The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended. |

Background

For Research Use Only

Human GRO alpha, GRO beta (MIP-2 alpha), and GRO gamma (MIP-2 beta) are products of three distinct, non-allelic human genes. GRO beta and GRO gamma share 90% and 86% amino acid sequence homology, respectively, with GRO alpha. All three human GROs are members of the alpha (C-X-C) subfamily of chemokines and are thought to be the homologs of murine KC and MIP-2. The three GRO cDNAs encode 107 amino acid precursor proteins from which the N-terminal 34 amino acid residues are cleaved to generate the mature GROs. There are no potential N-linked glycosylation sites in the amino acid sequences. GRO expression is inducible by serum or PDGF and/or by a variety of inflammatory mediators, such as IL-1 and TNF, in monocytes, fibroblasts, melanocytes and epithelial cells. In certain tumor cell lines, GRO is expressed constitutively. Similar to other alpha chemokines, the three GRO proteins are potent neutrophil attractants and activators. In addition, these chemokines are also active toward basophils. All three GROs can bind with high affinity to the IL-8 receptor type B.