

Product Datasheet

Mouse G-CSF ELISA Kit (Colorimetric) KA0983

Unit Size: 1 Kit

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

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KA0983**Mouse G-CSF ELISA Kit (Colorimetric)**

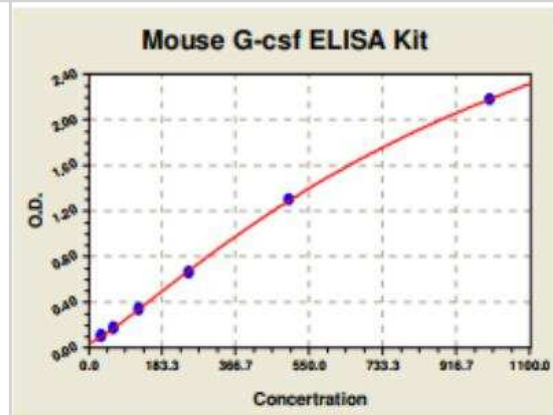
| Product Information | |
|----------------------------|--|
| Unit Size | 1 Kit |
| Concentration | Concentration is not relevant for this product. Please see the protocols for proper use of this product. |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.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

| Product Description | |
|-----------------------------|--|
| Description | Quality control test: Standard curve. Csf3 (Mouse) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of mouse Csf3. |
| Gene ID | 1440 |
| Gene Symbol | CSF3 |
| Species | Mouse |
| Kit Components | Lyophilized recombinant Mouse G-csf standard: 10ng/tube×2., One 96-well plate precoated with anti- Mouse G-csf antibody., Sample diluent buffer: 30 ml, Biotinylated anti- Mouse G-csf antibody: 130µl, dilution 1:100., Antibody diluent buffer: 12ml., Avidin-Biotin-Peroxidase Complex (ABC): 130µl, dilution 1:100, ABC diluent buffer: 12ml., TMB color developing agent: 10ml., TMB stop solution: 10ml. |
| Notes | This product is produced by and distributed for Abnova, a company based in Taiwan. |
| Standard Curve Range | 31.2 to 2000 pg/mL |
| Sensitivity | <4 pg/mL |
| Assay Type | Sandwich ELISA |
| Suitable Sample Type | Body Fluid, Cell Culture Supernatant, Plasma, Serum, Tissue Lysate |
| Sample Volume | 100 uL |

| Product Application Details | |
|------------------------------------|----------------------------|
| Applications | ELISA, Quantification |
| Recommended Dilutions | ELISA, Quantification |
| Application Notes | Useful for quantification. |

Images

ELISA: Mouse G-CSF ELISA Kit (Colorimetric) [KA0983] - These standard curves are provided for demonstration only. A standard curve should be generated for each set of samples assayed.



Publications

Kanda N, Fukushima S, Murotsu T et al. Human gene coding for granulocyte-colony stimulating factor is assigned to the q21-q22 region of chromosome 17. *Somat Cell Mol Genet*. 1987-11-01 [PMID: 3499671]

Nagata S, Tsuchiya M, Asano S et al. Molecular cloning and expression of cDNA for human granulocyte colony-stimulating factor. *Nature*. 1986-01-30 [PMID: 3484805]

Harada M, Qin Y, Takano H et al. G-CSF prevents cardiac remodeling after myocardial infarction by activating the Jak-Stat pathway in cardiomyocytes. *Nat Med*. 2005-03-01 [PMID: 15723072]



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

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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