

Mouse G-CSF (Granulocyte Colony-stimulating Factor) ELISA Kit | G-CSF elisa kit

MS Mouse G-CSF (Granulocyte Colony-stimulating Factor) ELISA Kit

CATALOG #
AAA178055

REACTIVITY
Mouse

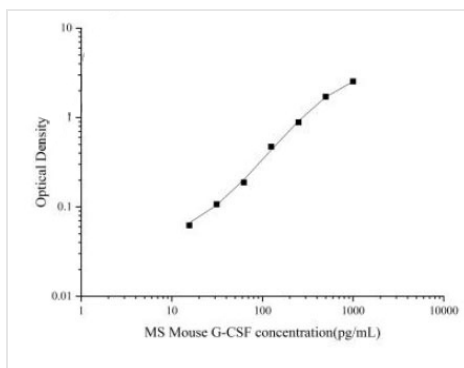
PRODUCT SYNONYMS

G-CSF (Granulocyte Colony-stimulating Factor); MS Mouse G-CSF (Granulocyte Colony-stimulating Factor) ELISA Kit; G-CSF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes Mouse G-CSF in samples. No significant cross-reactivity or interference between Mouse G-CSF and analogues was observed
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	15.62-1000 pg/mL
Sensitivity	8.38 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Mouse G-CSF were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Mouse G-CSF were tested on 3 different plates, 20 replicates in each plate, respectively.
Preparation and Storage	An unopened kit can be stored at 2-8 degree C for 1 month. If the kit is not supposed to be used within 1 month, store the components separately according to the following conditions once the kit is received.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for G-CSF elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse G-CSF. Samples (or Standards) are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Mouse G-CSF and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Mouse G-CSF, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 ± 2 nm. The OD value is proportional to the concentration of Mouse G-CSF. You can calculate the concentration of Mouse G-CSF in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Mouse G-CSF concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6753536
NCBI GeneID	12985
NCBI Accession #	NP_034101.1
NCBI GenBank Nucleotide #	NM_009971.1
UniProt Accession #	P09920
Molecular Weight	22,421 Da
NCBI Official Full Name	granulocyte colony-stimulating factor
NCBI Official Synonym Full Names	colony stimulating factor 3 (granulocyte)
NCBI Official Symbol	Csf3
NCBI Official Synonym Symbols	Csfg; G-CSF; MGI-IG
NCBI Protein Information	granulocyte colony-stimulating factor
UniProt Protein Name	Granulocyte colony-stimulating factor
UniProt Gene Name	Csf3
UniProt Synonym Gene Names	Csfg; G-CSF
UniProt Entry Name	CSF3_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/g-csf-granulocyte-colony-stimulating-factor/178055>