

Mouse G-CSF ELISA Kit | G-CSF elisa kit

Mouse G-CSF (Granulocyte Colony Stimulating Factor) ELISA Kit

CATALOG #
AAA165197

REACTIVITY
Mouse

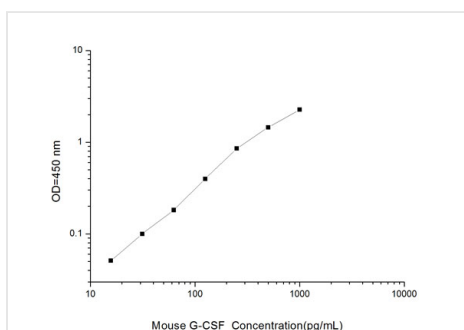
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse G-CSF. No significant cross-reactivity or interference between Mouse G-CSF and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Mouse G-CSF and all the analogues, therefore, cross reaction may still exist.
Sequence Length	195
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	Min: 9.375pg/mL; Max: 1000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for G-CSF elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of G-CSF in Mouse serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse G-CSF. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Mouse G-CSF and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively 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 a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	41386770
NCBI GeneID	281096
NCBI Accession #	NP_776453.1
NCBI GenBank Nucleotide #	NM_174028.1
UniProt Accession #	P35833; Q9TV89
Molecular Weight	21,431 Da
NCBI Official Full Name	granulocyte colony-stimulating factor
NCBI Official Synonym Full Names	colony stimulating factor 3 (granulocyte)<
NCBI Official Symbol	CSF3
NCBI Protein Information	granulocyte colony-stimulating factor; G-CSF
UniProt Protein Name	Granulocyte colony-stimulating factor
UniProt Gene Name	CSF3
UniProt Synonym Gene Names	GCSF; G-CSF
UniProt Entry Name	CSF3_BOVIN

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/165197>