

Human colony stimulating factor 3 (granulocyte) ELISA Kit | CSF3 elisa kit

Human Granulocyte Colony Stimulating Factor, G-CSF ELISA Kit

CATALOG #
AAA79729

REACTIVITY
Human

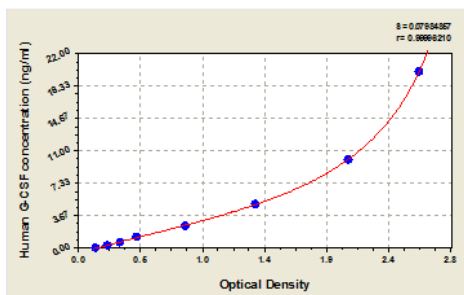
PRODUCT SYNONYMS

colony stimulating factor 3 (granulocyte); Human Granulocyte Colony Stimulating Factor; G-CSF ELISA Kit; G-CSF; GCSF; MGC45931; colony stimulating factor 3; filgrastim; granulocyte colony stimulating factor; lenograstim; pluripoietin; CSF3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human CSF3. No significant cross-reactivity or interference between Human CSF3 and analogues was observed.
Sequence Length	207
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Detection Range	0.312 ng/ml-20 ng/ml
Sensitivity	0.078 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CSF3 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to G-CSF. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for G-CSF and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB (3,3',5,5' tetramethyl-benzidine) substrate solution is added to each well. Only those wells that contain G-CSF, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of G-CSF in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503079
NCBI GeneID	1440
NCBI Accession #	NP_000750.1
NCBI GenBank Nucleotide #	NM_000759.3
UniProt Accession #	P09919; A8MXR7
Molecular Weight	22,293 Da
NCBI Official Full Name	granulocyte colony-stimulating factor isoform a
NCBI Official Synonym Full Names	colony stimulating factor 3 (granulocyte)
NCBI Official Symbol	CSF3
NCBI Official Synonym Symbols	GCSF; CSF3OS; C17orf33
NCBI Protein Information	granulocyte colony-stimulating factor; filgrastim; lenograstim; pluripoietin
UniProt Protein Name	Granulocyte colony-stimulating factor
UniProt Gene Name	CSF3
UniProt Synonym Gene Names	C17orf33; GCSF; G-CSF
UniProt Entry Name	CSF3_HUMAN

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/csf3-human-elisa-kits/colony-stimulating-factor-3-granulocyte/79729>