

Human Granulocyte Colony Stimulating Factor, G-CSF ELISA Kit | G-CSF elisa kit

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CATALOG #
AAA41493

REACTIVITY
Human

PRODUCT SYNONYMS

Granulocyte Colony Stimulating Factor; G-CSF; Human Granulocyte Colony Stimulating Factor; G-CSF ELISA Kit; G-CSF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	138
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	10ng/L - 3800ng/L
Sensitivity	5.23ng/L
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for G-CSF elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Granulocyte Colony Stimulating Factor (also known as G-CSF) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human G-CSF antibody. G-CSF present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human G-CSF Antibody is added and binds to G-CSF in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated G-CSF antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human G-CSF. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	297660573
NCBI GeneID	1440
UniProt Accession #	P09919; A8MXR7
Molecular Weight	21,978 Da
NCBI Official Full Name	granulocyte colony-stimulating factor, partial
NCBI Official Synonym Full Names	colony stimulating factor 3
NCBI Official Symbol	CSF3
NCBI Official Synonym Symbols	GCSF; CSF3OS; C17orf33
NCBI Protein Information	granulocyte colony-stimulating factor
UniProt Protein Name	Granulocyte colony-stimulating factor
UniProt Gene Name	CSF3
UniProt Synonym Gene Names	C17orf33; GCSF; G-CSF

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/human-elisa-kits/granulocyte-colony-stimulating-factor-g-csf/41493>