

Human Colony Stimulating Factor Receptor, Granulocyte (GCSFR) ELISA Kit | GCSFR elisa kit

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CATALOG # AAA67169	REACTIVITY Human
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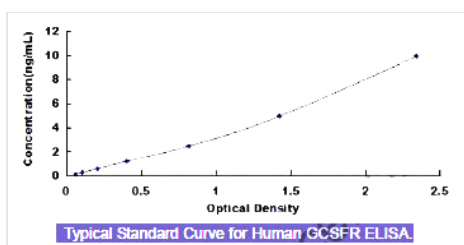
PRODUCT SYNONYMS

Colony Stimulating Factor Receptor; Granulocyte (GCSFR); Human Colony Stimulating Factor Receptor; Granulocyte (GCSFR) ELISA Kit; GCSFR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of GCSFR. No significant cross-reactivity or interference between GCSFR and analogues was observed.
Sequence Length	836
Samples	Serum, plasma, tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.059ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level GCSFR were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level GCSFR were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GCSFR elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of GCSFR in human serum, plasma, tissue homogenates, and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to GCSFR. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to GCSFR. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain GCSFR, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of GCSFR 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 #	4503081
NCBI GeneID	1441
NCBI Accession #	NP_000751.1
NCBI GenBank Nucleotide #	NM_000760.3
UniProt Accession #	Q99062
Molecular Weight	86,609 Da
NCBI Official Full Name	granulocyte colony-stimulating factor receptor isoform a
NCBI Official Synonym Full Names	colony stimulating factor 3 receptor
NCBI Official Symbol	CSF3R
NCBI Official Synonym Symbols	SCN7; CD114; GCSFR
NCBI Protein Information	granulocyte colony-stimulating factor receptor
UniProt Protein Name	Granulocyte colony-stimulating factor receptor
UniProt Gene Name	CSF3R
UniProt Synonym Gene Names	GCSFR; G-CSF receptor; G-CSF-R

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/colony-stimulating-factor-receptor-granulocyte-gcsfr/67169>