

Human Macrophage colony-stimulating factor 1 ELISA Kit | CSF1 elisa kit

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CATALOG #
AAA194908

REACTIVITY
Human

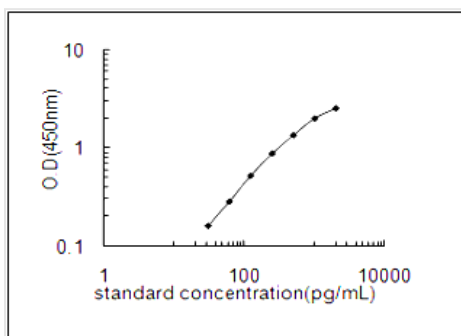
PRODUCT SYNONYMS

Macrophage colony-stimulating factor 1; Human Macrophage colony-stimulating factor 1 ELISA Kit; CSF-1; M-CSF; MCSF; Lanimostim; CSF1; CSF1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human CSF-1. No significant cross-reactivity or interference was observed.
Sequence Length	554
Assay Type	Sandwich
Detection Range	31.2-2000 pg/mL
Sensitivity	12pg/mL
Intra-Assay CV	<=6.2%
Inter-Assay CV	<=8.7%
Recovery	98%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CSF1 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human macrophage colony-stimulating factor 1,CSF-1 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CSF-1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for CSF-1 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain CSF-1, 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 CSF-1 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 #	27262661
NCBI GeneID	1435
NCBI Accession #	NP_000748.3
NCBI GenBank Nucleotide #	NM_000757.5
UniProt Accession #	P09603; Q13130; Q14086; Q14806; Q5VVF3; Q5VVF4; Q9UQR8; A8K6J5
Molecular Weight	29,215 Da
NCBI Official Full Name	macrophage colony-stimulating factor 1 isoform a
NCBI Official Synonym Full Names	colony stimulating factor 1
NCBI Official Symbol	CSF1
NCBI Official Synonym Symbols	MCSF; CSF-1
NCBI Protein Information	macrophage colony-stimulating factor 1
UniProt Protein Name	Macrophage colony-stimulating factor 1
UniProt Gene Name	CSF1
UniProt Synonym Gene Names	CSF-1; M-CSF; MCSF
UniProt Entry Name	CSF1_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/csf1-human-elisa-kits/macrophage-colony-stimulating-factor-1/194908>