

Human Macrophage Colony-Stimulating Factor, M-CSF ELISA Kit | M-CSF elisa kit

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CATALOG #
AAA43168

REACTIVITY
Human

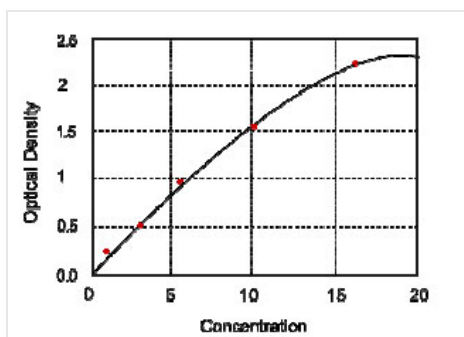
PRODUCT SYNONYMS

Macrophage Colony-Stimulating Factor; M-CSF; Human Macrophage Colony-Stimulating Factor; M-CSF ELISA Kit; M-CSF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	553
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	30ng/L - 7500ng/L
Sensitivity	16.18ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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 M-CSF elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of human Macrophage Colony-Stimulating Factor (also known as M-CSF) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human M-CSF antibody. M-CSF present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human M-CSF Antibody is added and binds to M-CSF in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated M-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 M-CSF. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	508986
NCBI GeneID	1435
Molecular Weight	47,903 Da
NCBI Official Full Name	macrophage colony-stimulating factor
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

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/macrophage-colony-stimulating-factor-m-csf/43168>