

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

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CATALOG #
AAA99762

REACTIVITY
Human

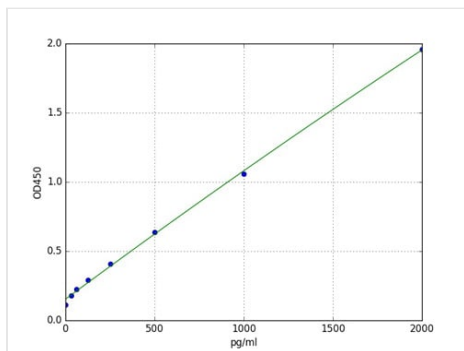
PRODUCT SYNONYMS

Macrophage Colony-Stimulating Factor; Human Macrophage Colony-Stimulating Factor ELISA Kit; M-CSF/MCSF/CSF1/CSF-1; M-CSF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	553
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human M-CSF ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	31.2	62.5	125	250	500	1000	2000
Y	OD450	0.007	0.053	0.121	0.210	0.480	1.033	1.775	2.281

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for M-CSF elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human MCSF antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human M-CSF antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRPStreptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human M-CSF amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human M-CSF can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

508986

NCBI GeneID	1435
Molecular Weight	29,215 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
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/m-csf-human-elisa-kits/macrophage-colony-stimulating-factor/99762>