

Mouse colony stimulating factor 1 (macrophage) ELISA Kit | CSF1 elisa kit

Mouse Macrophage Colony-Stimulating Factor, M-CSF ELISA Kit

CATALOG #
AAA79824

REACTIVITY
Mouse

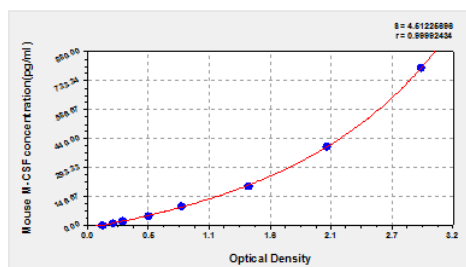
PRODUCT SYNONYMS

colony stimulating factor 1 (macrophage); Mouse Macrophage Colony-Stimulating Factor; M-CSF ELISA Kit; M-CSF ELISA kit; MCSF; MGC31930; OTTHUMP00000013363; OTTHUMP00000013364; colony stimulating factor 1; macrophage colony stimulating factor; CSF1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of human MCP. No significant cross-reactivity or interference between human MCP and analogues was observed.
Sequence Length	257
Samples	Serum, Plasma, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	3.12 ng/ml-200 ng/ml
Sensitivity	0.78 ng/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CSF1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for MCP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MCP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MCP is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of MCP bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	166064046
NCBI GeneID	12977
NCBI Accession #	NP_001107001.1
NCBI GenBank Nucleotide #	NM_001113529.1
UniProt Accession #	P07141; Q3U395; Q8R3C8
Molecular Weight	60,649 Da
NCBI Official Full Name	macrophage colony-stimulating factor 1 isoform 2
NCBI Official Synonym Full Names	colony stimulating factor 1 (macrophage)
NCBI Official Symbol	Csf1
NCBI Official Synonym Symbols	op; Csfm; MCSF; C87615
NCBI Protein Information	macrophage colony-stimulating factor 1; osteopetrosis
UniProt Protein Name	Macrophage colony-stimulating factor 1
UniProt Gene Name	Csf1
UniProt Synonym Gene Names	Csfm; CSF-1; MCSF
UniProt Entry Name	CSF1_MOUSE

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-mouse-elisa-kits/colony-stimulating-factor-1-macrophage/79824>