

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

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

CATALOG #
AAA15055

REACTIVITY
Rat

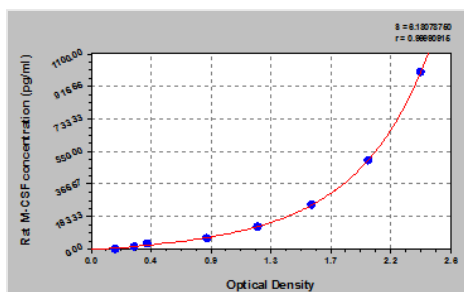
PRODUCT SYNONYMS

colony stimulating factor 1 (macrophage); Rat 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	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat CSF1. No significant cross-reactivity or interference between Rat CSF1 and analogues was observed.
Sequence Length	566
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Assay Type	Sandwich
Detection Range	15.6 pg/ml-1000 pg/ml
Sensitivity	3.9 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
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	For SampleFor the quantitative determination of rat macrophage colony-stimulating factor (M-CSF) concentrations in serum, plasma, cell culture supernates, tissue homogenates. PRINCIPLE OF THE ASSAY This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for M-CSF has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any M-CSF present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for M-CSF 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 M-CSF 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 #	28201782
NCBI GeneID	78965
UniProt Accession #	Q8JZQ0
Molecular Weight	62,187 Da
NCBI Official Full Name	Macrophage colony-stimulating factor 1
NCBI Official Synonym Full Names	colony stimulating factor 1 (macrophage)
NCBI Official Symbol	Csf1
NCBI Protein Information	macrophage colony-stimulating factor 1; MCSF; CSF-1
UniProt Protein Name	Macrophage colony-stimulating factor 1
UniProt Gene Name	Csf1
UniProt Synonym Gene Names	Csfm; CSF-1; MCSF
UniProt Entry Name	CSF1_RAT

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-rat-elisa-kits/colony-stimulating-factor-1-macrophage/15055>