

Rat colony stimulating factor 1 receptor ELISA Kit | CSF1R elisa kit

Rat Macrophage colony-stimulating factor 1 receptor, CSF1R ELISA Kit

CATALOG #
AAA112726

REACTIVITY
Rat

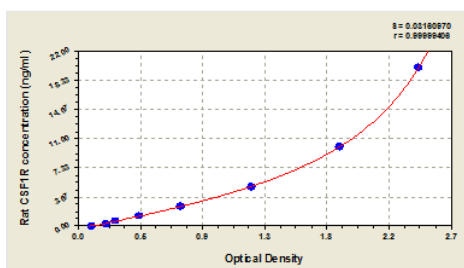
PRODUCT SYNONYMS

colony stimulating factor 1 receptor; Rat Macrophage colony-stimulating factor 1 receptor; CSF1R ELISA Kit; Rat Macrophage colony-stimulating factor 1 receptor (CSF1R) ELISA kit; C-FMS; CD115; CSFR; FIM2; FMS; CD115 antigen; FMS proto-oncogene; McDonough feline sarcoma viral (v-fms) oncogene homolog; macrophage colony stimulating factor I receptor; CSF1R elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat CSF1R. No significant cross-reactivity or interference between rat CSF1R and analogues was observed.
Sequence Length	978
Samples	Serum, plasma, tissue homogenates.
Assay Type	Sandwich
Detection Range	0.312 ng/ml -20 ng/ml.
Sensitivity	0.078 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 CSF1R elisa kit	Principle of the Assay This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CSF1R has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CSF1R present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CSF1R 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 CSF1R 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 #	266418
NCBI GeneID	307403
UniProt Accession #	Q00495
Molecular Weight	109,264 Da
NCBI Official Full Name	Macrophage colony-stimulating factor 1 receptor
NCBI Official Synonym Full Names	colony stimulating factor 1 receptor
NCBI Official Symbol	Csf1r
NCBI Official Synonym Symbols	c-fms; mrfms; CSF-1R; CSF-1-R; M-CSF-R
NCBI Protein Information	macrophage colony-stimulating factor 1 receptor; CSF-1 receptor; fms proto-oncogene; proto-oncogene fms; proto-oncogene c-Fms
UniProt Protein Name	Macrophage colony-stimulating factor 1 receptor
UniProt Gene Name	Csf1r
UniProt Synonym Gene Names	Csfmr; Fms; CSF-1-R; CSF-1R; M-CSF-R
UniProt Entry Name	CSF1R_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/csf1r-rat-elisa-kits/colony-stimulating-factor-1-receptor/112726>