

Mouse CSF1R ELISA Kit | CSF1R elisa kit

Mouse CSF1R PicoKine Quick ELISA Kit

CATALOG # AAA128074	REACTIVITY Mouse	APPLICATIONS ELISA
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PRODUCT SYNONYMS

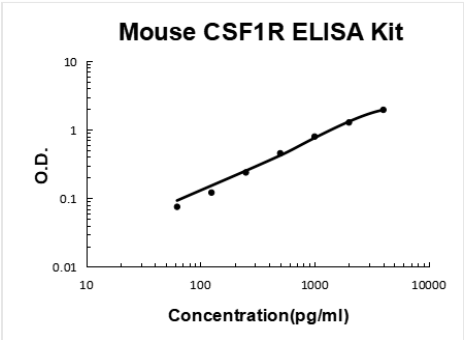
CSF1R; Mouse CSF1R PicoKine Quick ELISA Kit; Macrophage colony-stimulating factor 1 receptor; CSF-1 receptor; CSF-1-R; CSF-1R; M-CSF-R; 2.7.10.1; Proto-oncogene c-Fms; CD115; Csf1r; Csfmr; Fms; CSF1R elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	cell culture supernatants, cell lysates, serum and plasma (heparin, EDTA)
Assay Range	62.5pg/ml-4,000pg/ml
Sensitivity	<10pg/ml
Capture antibody and Detection antibody	monoclonal antibody from rat polyclonal antibody from goat
Immunogen	Expression system for standard: NS0; Immunogen sequence: A20-S511
Anticoagulant	heparin or EDTA
Cross Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Applicable Applications for CSF1R elisa kit	ELISA
Kit Components	Description/Quantity Pre-coated 96-well strip microplate/1 Standard/2 vials, 10 ng/tube Biotinylated antibody (100x)/100ul Avidin-Biotin-Peroxidase Complex (100x)/100ul Sample Diluent/30ml Antibody Diluent/12ml Avidin-Biotin-Peroxidase Diluent/12ml Color Developing Reagent (TMB)/10ml Stop Solution/10ml Wash Buffer (25x)/20ml Adhesive plate sealers/4
Materials Required But Not Provided	Microplate Reader capable of reading absorbance at 450nm. Incubator. Automated plate washer (optional). Pipettes and pipette tips capable of precisely dispensing 0.5ul through 1ml volumes of aqueous solutions. Multichannel pipettes are recommended for large amount of samples. Deionized or distilled water. 500ml graduated cylinders. Test tubes for dilution.
Sample Data	Concentration (pg/ml)062.5125250500100020004000O.D.0.0410.1160.1620.2790.4940.8351.3171.992
Intra Assay Consistency & Inter Assay Consistency	Intra-Assay PrecisionInter-Assay PrecisionSample123123n161616242424Mean (pg/ml)10639817991104271748Standard deviation8.1624.27131.3210.2332.87137.74CV (%)7.7%6.1%7.3%9.3%7.7%7.8%

Reproducibility	LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample 11061101211071115.955.3%Sample 239845639339541026.326.4%Sample 31799187118121936185454.312.9%*number of samples for each test n=16.
Preparation and Storage	Store at 4 degree C for 6 months. (Ships with gel ice, can store for up to 3 days in room temperature. Refrigerate upon receipt.)

IMAGES



Standard Curve (Sample)
 Mouse CSF1R/M-CSFR PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CSF1R elisa kit	The brand Picokine indicates this is a premium quality ELISA kit. Each Picokine kit delivers precise quantification, high sensitivity, and excellent reproducibility. Only our most reliable and effective kits qualify as Picokine, guaranteeing top-tier results for your assays.
Product Categories/Family for CSF1R elisa kit	Quick ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	20532397
NCBI GeneID	12978
UniProt Accession #	P09581; Q3U3P1; Q9DBH9
Molecular Weight	109,179 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	Fms; CD115; Csfmr; Fim-2; CSF-1R; M-CSFR; M-CSF-R; AI323359
NCBI Protein Information	macrophage colony-stimulating factor 1 receptor; c-fms; CSF-1-R; CSF-1 receptor; 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_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.

