

Mouse CD115 ELISA Kit | CSF1R elisa kit

Mouse CD115 ELISA Kit

CATALOG # AAA106057	REACTIVITY Mouse	APPLICATIONS ELISA
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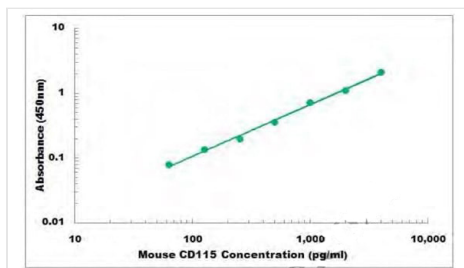
PRODUCT SYNONYMS

CD115; Mouse CD115 ELISA Kit; FMS; Macrophage colony-stimulating factor 1 receptor; CSF-1 receptor; CSF-1-R; CSF-1R; M-CSF-R; Proto-oncogene c-Fms; CSF1R elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	The Mouse CD115 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Mouse CD115 proteins within the range of 62.5 pg/ml - 4000 pg/ml.
Sequence Length	977
Samples	Cell culture supernatants, serum, plasma
Sensitivity	< 10 pg/ml
Applicable Applications for CSF1R elisa kit	ELISA (Sandwich ELISA)
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CSF1R elisa kit	Principle of the Assay: The AAA Biotech' Mouse CD115 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Mouse CD115 in Cell Culture Supernatants, Serum, Plasma. This assay employs an antibody specific for Mouse CD115 coated on a 96-well plate. Standards and samples are pipetted into the wells and CD115 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Mouse CD115 antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of CD115 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm. Background/Introduction: CSF1R (Colony stimulating factor 1 receptor),also known as M-CSFR and CD115, is a cell-surface protein encoded, in humans, by the CSF1R gene. The gene is located on long arm of chromosome 5 (5q32) on the Crick (minus) strand. The encoded protein is a tyrosine kinase transmembrane receptor and member of the CSF1/PDGF receptor family of tyrosine-protein kinases. The encoded protein is a single pass type I membrane protein and acts as the receptor for colony stimulating factor 1, a cytokine which controls the production, differentiation, and function of macrophages. Both CSF1R, and its ligand colony stimulating factor 1 play an important role in the development of the mammary gland and may be involved in the process of mammary gland carcinogenesis.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	126723423
NCBI GeneID	12978
NCBI Accession #	NP_001032948.2
NCBI GenBank Nucleotide #	NM_001037859.2
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.