

Canine Macrophage colony-stimulating factor receptor ELISA Kit | M-CSFR elisa kit

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CATALOG #
AAA93939

REACTIVITY
Canine

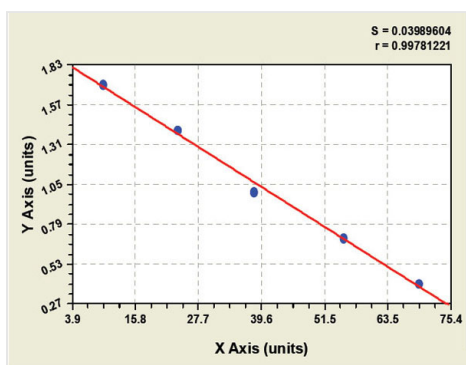
PRODUCT SYNONYMS

Macrophage colony-stimulating factor receptor; Canine Macrophage colony-stimulating factor receptor ELISA Kit; M-CSFR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for M-CSFR elisa kit

Intended Uses: This M-CSFR ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine M-CSFR. This ELISA kit for research use only!

Principle of the Assay: M-CSFR ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-M-CSFR antibody and an M-CSFR-HRP conjugate. The assay sample and buffer are incubated together with M-CSFR-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the M-CSFR concentration since M-CSFR from samples and M-CSFR-HRP conjugate compete for the anti-M-CSFR antibody binding site. Since the number of sites is limited, as more sites are occupied by M-CSFR from the sample, fewer sites are left to bind M-CSFR-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The M-CSFR concentration in each sample is interpolated from this standard curve.

Product Categories/Family for M-CSFR elisa kit

Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	27262659
NCBI GeneID	1436
NCBI Accession #	NP_005202.2
NCBI GenBank Nucleotide #	NM_005211.3
Molecular Weight	33,248 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; CSFR; FIM2; HDLS; C-FMS; CD115; CSF-1R; M-CSF-R
NCBI Protein Information	macrophage colony-stimulating factor 1 receptor; CD115 antigen; CSF-1 receptor; FMS proto-oncogene; proto-oncogene c-Fms; macrophage colony stimulating factor I receptor; McDonough feline sarcoma viral (v-fms) oncogene homolog
UniProt Protein Name	Macrophage colony-stimulating factor 1 receptor
UniProt Gene Name	CSF1R
UniProt Synonym Gene Names	FMS; CSF-1-R; CSF-1R; M-CSF-R
UniProt Entry Name	CSF1R_HUMAN

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/m-csfr-canine-elisa-kits/macrophage-colony-stimulating-factor-receptor/93939>