

Mouse Colony Stimulating Factor 1 ELISA Kit | CSF-1 elisa kit

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CATALOG #
AAA85859

REACTIVITY
Mouse

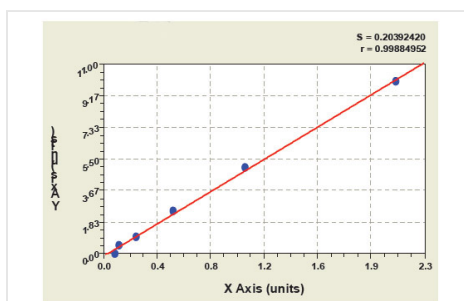
PRODUCT SYNONYMS

Colony Stimulating Factor 1; Mouse Colony Stimulating Factor 1 ELISA Kit; CSF-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	0.5-10ng/mL
Intended Uses	This CSF-1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of mouse CSF-1. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CSF-1 elisa kit

Principle of the Assay: CSF-1 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for CSF-1. Standards or samples are then added to the microtiter plate wells and CSF-1 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of CSF-1 present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for CSF-1 are added to each well to "sandwich" the CSF-1 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain CSF-1 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CSF-1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CSF-1 elisa kit

[Immunology](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	181135
NCBI GeneID	1435
Molecular Weight	29,215 Da
NCBI Official Full Name	colony-stimulating factor (CSF-1)
NCBI Official Synonym Full Names	colony stimulating factor 1 (macrophage)
NCBI Official Symbol	CSF1
NCBI Official Synonym Symbols	MCSF; CSF-1
NCBI Protein Information	macrophage colony-stimulating factor 1; lanimostim
UniProt Protein Name	Macrophage colony-stimulating factor 1
UniProt Gene Name	CSF1
UniProt Synonym Gene Names	CSF-1; M-CSF; MCSF
UniProt Entry Name	CSF1_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/csf-1-mouse-elisa-kits/colony-stimulating-factor-1/85859>