

Human Anti Granulocyte macrophage colony stimulating factor antibody ELISA Kit | GM CSF elisa kit

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CATALOG #

AAA95399

REACTIVITY

Human

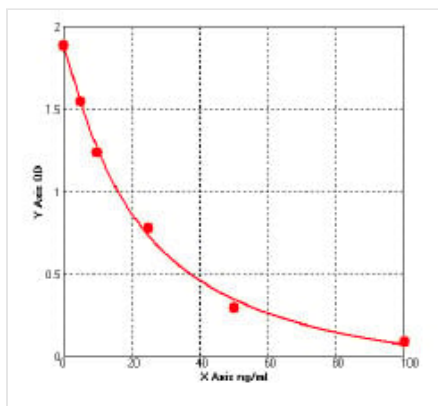
PRODUCT SYNONYMS

Anti Granulocyte macrophage colony stimulating factor antibody; Human Anti Granulocyte macrophage colony stimulating factor antibody ELISA Kit; GM CSF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of GMCSFAb. No significant cross-reactivity or interference between GMCSFAb and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between GMCSFAb and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GM CSF elisa kit	Principle of the Assay: GMCSFAB ELISA kit applies the competitive enzyme immunoassay technique utilizing Granulocyte Macrophage Colony Stimulating Factor antigen and an GMCSFAB-HRP conjugate. The assay sample and buffer are incubated together with GMCSFAB-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 GMCSFAB concentration since GMCSFAB from samples and GMCSFAB-HRP conjugate compete for the Granulocyte Macrophage Colony Stimulating Factor antigen binding site. Since the number of sites is limited, as more sites are occupied by GMCSFAB from the sample, fewer sites are left to bind GMCSFAB-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GMCSFAB concentration in each sample is interpolated from this standard curve. Intended Uses: This GMCSFAB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human GMCSFAB. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for GM CSF elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	183364
NCBI GeneID	1437
Molecular Weight	16,295 Da
NCBI Official Full Name	GM-CSF
NCBI Official Synonym Full Names	colony stimulating factor 2 (granulocyte-macrophage)
NCBI Official Symbol	CSF2
NCBI Official Synonym Symbols	GMCSF
NCBI Protein Information	granulocyte-macrophage colony-stimulating factor; CSF; molgramostin; sargramostim
UniProt Protein Name	Granulocyte-macrophage colony-stimulating factor
UniProt Gene Name	CSF2
UniProt Synonym Gene Names	GMCSF; GM-CSF; CSF
UniProt Entry Name	CSF2_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/gm-csf-human-elisa-kits/anti-granulocyte-macrophage-colony-stimulating-factor-antibody/95399>