

Guinea Pig Granulocyte-Macrophage Colony-Stimulating Factor ELISA Kit | GM-CSF elisa kit

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CATALOG # AAA87591	REACTIVITY Guinea Pig
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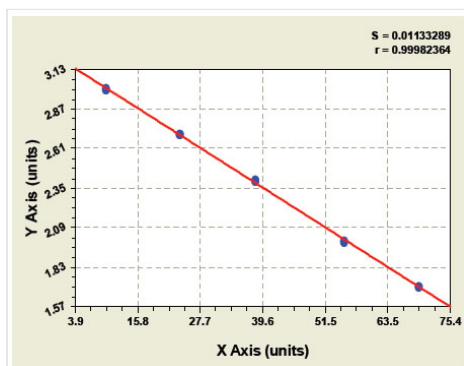
PRODUCT SYNONYMS

Granulocyte-Macrophage Colony-Stimulating Factor; Guinea pig Granulocyte-Macrophage Colony-Stimulating Factor ELISA Kit; GM-CSF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	25-500pg/mL?
Sensitivity	1.0pg/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	For Samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate Intended Uses: This G-CSF ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Guinea pig G-CSF. This ELISA kit for research use only! Principle of the Assay: G-CSF ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-G-CSF antibody and an G-CSF-HRP conjugate. The assay sample and buffer are incubated together with G-CSF-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 G-CSF concentration since G-CSF from samples and G-CSF-HRP conjugate compete for the anti-G-CSF antibody binding site. Since the number of sites is limited, as more sites are occupied by G-CSF from the sample, fewer sites are left to bind G-CSF-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The G-CSF concentration in each sample is interpolated from this standard curve
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/gm-csf-guinea-pig-pig-elisa-kits/granulocyte-macrophage-colony-stimulating-factor/87591>