

Human GM-CSF ELISA Kit | GM-CSF elisa kit

Human GM-CSF ELISA Kit

CATALOG # AAA332537	REACTIVITY Human	APPLICATIONS ELISA
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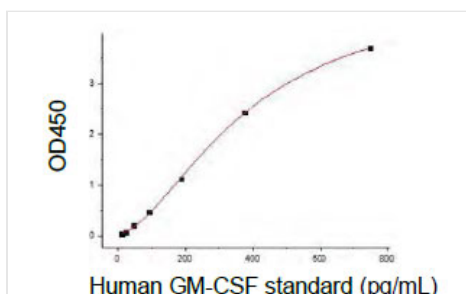
PRODUCT SYNONYMS

GM-CSF; Human GM-CSF ELISA Kit; GMCSF; Colony stimulating factor; Granulocyte Macrophage Colony Stimulating Factor; CSF 2; CSF2; GM-CSF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human GM-CSF ELISA Kit has high sensitivity and excellent specificity for detection of Human GM-CSF. No significant cross-reactivity or interference between Human GM-CSF and analogues was observed.
Assay Type	Sandwich
Samples	Serum, Plasma, Cell culture supernatants
Detection Range	11.72 pg/mL-750 pg/mL
Sensitivity	5 pg/mL
Applicable Applications for GM-CSF elisa kit	ELISA
Intra-assay Precision	Intra-assay Precision: The CV (%)?10%.
Inter-assay Precision	Inter-assay Precision :The CV (%)?12%
Preparation and Storage	The unopened kit should be stored at 2 - 8 degree C. After opening, please store refer to protocols.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GM-CSF elisa kit	Principle of the Assay: Granulocyte-macrophage colony-stimulating factor (GM-CSF) is a cytokine that stimulates the growth and differentiation of hematopoietic precursor cells from various lineages, including granulocytes, macrophages, eosinophils and erythrocytes. Human GM-CSF ELISA Kit employs a double antibody sandwich method to quantitate Human GM-CSF in samples. An antibody specific for Human GM-CSF has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Human GM-CSF present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for Human GM-CSF is added to the wells. After washing, proprietary Streptavidin-HRP conjugates is added to the wells. Following a wash to remove any unbound streptavidin-enzyme reagent, adding HRP Substrate (TMB), TMB turns blue under the catalysis of HRP, and turns yellow after adding stop solution. Measure the OD value with a microplate reader at 450nm wavelength. The GM-CSF concentration is proportional to the OD450 nm value.
Product Categories/Family for GM-CSF elisa kit	ELISA Assay Kit; Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	183364
NCBI GeneID	1437
UniProt Accession #	P04141; Q14CE8; Q2VPI8; Q8NFI6
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.