

ARG83351 Human GM-CSF ELISA Kit

Package: 96 wells
Store at: 4°C; -20°C

Component

Cat. No.	Component Name	Package	Temp
ARG83351-01	Antibody Coated Microplate	8 X 12 strips	4°C
ARG83351-02	Standard (Lyophilized)	3 vials	4°C
ARG83351-03	100X Antibody Conjugate Concentrate	120 µl	≤ -20°C
ARG83351-04	40X HRP-Streptavidin solution	300 µl	4°C
ARG83351-05	Standard / Sample Diluent Buffer	20 ml	4°C
ARG83351-06	Antibody Diluent Buffer	30 ml	4°C
ARG83351-07	20X Wash Buffer	45 ml	4°C
ARG83351-08	TMB substrate	12 ml	4°C (protect from light)
ARG83351-09	STOP solution	12 ml	4°C
ARG83351-10	Plate sealer	3 adhesive strips	Room temperature

Summary

Product Description	ARG83351 Human GM-CSF ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human GM-CSF in Serum, Plasma and Cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	GM-CSF
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	3.9 pg/ml
Sample Type	Serum, Plasma, Cell culture supernatants
Standard Range	7.8 - 500 pg/ml
Sample Volume	50 µl
Precision	CV: less than 10%
Alternate Names	GM-CSF; Granulocyte-macrophage colony-stimulating factor; CSF; GMCSF; Molgramostin; Colony-stimulating factor; Sargramostim

Application Instructions

Assay Time 4 hours

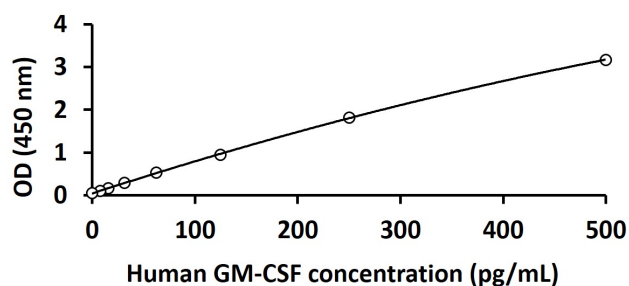
Properties

Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	CSF2
Gene Full Name	colony stimulating factor 2 (granulocyte-macrophage)
Background	The protein encoded by this gene is a cytokine that controls the production, differentiation, and function of granulocytes and macrophages. The active form of the protein is found extracellularly as a homodimer. This gene has been localized to a cluster of related genes at chromosome region 5q31, which is known to be associated with interstitial deletions in the 5q- syndrome and acute myelogenous leukemia. Other genes in the cluster include those encoding interleukins 4, 5, and 13. [provided by RefSeq, Jul 2008]
Function	Cytokine that stimulates the growth and differentiation of hematopoietic precursor cells from various lineages, including granulocytes, macrophages, eosinophils and erythrocytes. [UniProt]
Highlight	Related products: GM-CSF antibodies ; GM-CSF ELISA Kits ; GM-CSF Duos / Panels ; GM-CSF recombinant proteins ; Related news: HMGB1 in inflammation Inflammatory Cytokines New ELISA data calculation tool: Simplify the ELISA analysis by GainData
Cellular Localization	Secreted. [UniProt]

Images



ARG83351 Human GM-CSF ELISA Kit standard curve image

ARG83351 Human GM-CSF ELISA Kit results of a typical standard run with optical density reading at 450 nm.