

ARG81258 Human G-CSF ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG81258 Human G-CSF ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human G-CSF in serum, plasma or cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	G-CSF
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	4 pg/ml
Sample Type	Serum, plasma or cell culture supernatants.
Standard Range	7.8 - 500 pg/ml
Sample Volume	100 µl
Alternate Names	Granulocyte colony-stimulating factor; Lenograstim; C17orf33; GCSF; G-CSF; Filgrastim; Pluripoietin; CSF3OS

Application Instructions

Assay Time	~ 3.5 hours
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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

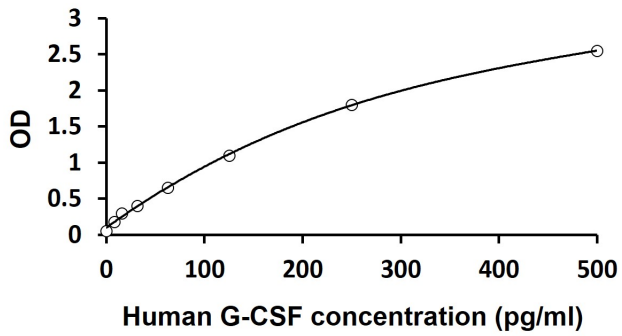
Gene Symbol	CSF3
Gene Full Name	colony stimulating factor 3 (granulocyte)
Background	The protein encoded by this gene is a cytokine that controls the production, differentiation, and function of granulocytes. The active protein is found extracellularly. Alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, May 2010]
Function	Granulocyte/macrophage colony-stimulating factors are cytokines that act in hematopoiesis by controlling the production, differentiation, and function of 2 related white cell populations of the blood, the granulocytes and the monocytes-macrophages. This CSF induces granulocytes. [UniProt]
Highlight	Related products:

[G-CSF antibodies; G-CSF ELISA Kits:](#)
New ELISA data calculation tool:
[Simplify the ELISA analysis by GainData](#)

PTM

O-glycan consists of Gal-GalNAc disaccharide which can be modified with up to two sialic acid residues (done in recombinantly expressed G-CSF from CHO cells).

Images



ARG81258 Human G-CSF ELISA Kit standard curve image

ARG81258 Human G-CSF ELISA Kit results of a typical standard run with optical density reading at 450 nm.