

ARG81313 Human CD116 ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG81313 Human CD116 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human CD116 in serum, plasma and cell culture supernatant.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	Recognizes both natural and recombinant Human soluble CD116 receptor a chain. No cross reactivity with other Human soluble receptors.
Target Name	CD116
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	16 pg/ml
Sample Type	Serum, plasma and cell culture supernatants.
Standard Range	31.25 - 1000 pg/ml
Sample Volume	100 µl
Alternate Names	Granulocyte-macrophage colony-stimulating factor receptor subunit alpha; GMCSFR; CDw116; GM-CSF-R-alpha; CD antigen CD116; CSF2R; CD116; GMR-alpha; CSF2RAX; CSF2RAY; GMCSFR-alpha; GMR; SMDP4; CSF2RX; CSF2RY

Application Instructions

Assay Time	~ 4 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	CSF2RA
Gene Full Name	colony stimulating factor 2 receptor, alpha, low-affinity (granulocyte-macrophage)
Background	The protein encoded by this gene is the alpha subunit of the heterodimeric receptor for colony stimulating factor 2, a cytokine which controls the production, differentiation, and function of granulocytes and macrophages. The encoded protein is a member of the cytokine family of receptors. This gene is found in the pseudoautosomal region (PAR) of the X and Y chromosomes. Multiple transcript variants encoding different isoforms have been found for this gene, with some of the

isoforms being membrane-bound and others being soluble. [provided by RefSeq, Jul 2008]

Function

Low affinity receptor for granulocyte-macrophage colony-stimulating factor. Transduces a signal that results in the proliferation, differentiation, and functional activation of hematopoietic cells. [UniProt]

Highlight

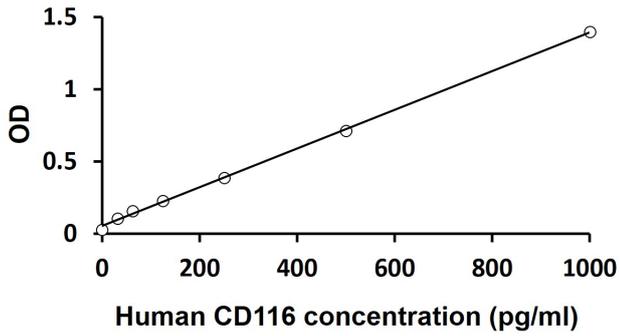
Related products:

[CD116 antibodies](#); [CD116 ELISA Kits](#);

New ELISA data calculation tool:

[Simplify the ELISA analysis by GainData](#)

Images



ARG81313 Human CD116 ELISA Kit standard curve image

ARG81313 Human CD116 ELISA Kit results of a typical standard run with optical density reading at 450 nm.