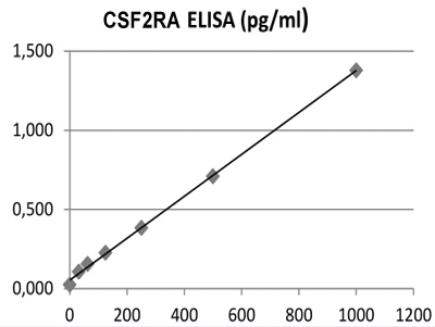
CSF2RA (Human) ELISA Kit

Catalog # KA3849 Size 1 Kit

Applications



The standard curve is for the purpose of demonstration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	CSF2RA (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human CSF2RA.
Suitable Sample	Cell Culture Supernatant, Plasma, Serum
Sample Volume	100 uL
Label	Biotin-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Intra-Assay	3.15%
Inter-Assay	2.9%
Calibration Range	31.25 pg/ml-1000 pg/ml
Limit of Detection	<16 pg/ml
Reactivity	Human
Regulation Status	For research use only (RUO)

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Quality Control Testing	Standard curve The standard curve is for the purpose of demonstration only and should not be used to calculate unkn owns. A standard curve should be generated each time the assay is performed.
Storage Instruction	Store the kit at 4°C.

Applications

- Quantification

Gene Info — CSF2RA

Entrez GeneID	1438
Gene Name	CSF2RA
Gene Alias	CD116, CDw116, CSF2R, CSF2RAX, CSF2RAY, CSF2RX, CSF2RY, GM-CSF-R-alpha, GMC SFR, GMR, MGC3848, MGC4838
Gene Description	colony stimulating factor 2 receptor, alpha, low-affinity (granulocyte-macrophage)
Omim ID	306250 425000
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is the alpha subunit of the heterodimeric receptor for colony sti mulating factor 2, a cytokine which controls the production, differentiation, and function of granuloc ytes and macrophages. The encoded protein is a member of the cytokine family of receptors. Thi s gene is found in the pseudoautosomal region (PAR) of the X and Y chromosomes. Multiple tran script variants encoding different isoforms have been found for this gene, with some of the isofor ms being membrane-bound and others being soluble. [provided by RefSeq
Other Designations	CD116 antigen|GM-CSF receptor alpha subunit|OTTHUMP00000014504|OTTHUMP000000145 05|OTTHUMP00000014917|OTTHUMP00000014918|colony stimulating factor 2 receptor alpha chain|colony stimulating factor 2 receptor alpha subunit|granulocyte-macrophage colony-stimu

Pathway

- Cytokine-cytokine receptor interaction
- Hematopoietic cell lineage
- Jak-STAT signaling pathway

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- Pathways in cancer

Disease

- Genetic Predisposition to Disease
- Schizophrenia

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