

ARG82427 Human CLEC11A ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG82427-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82427-002	Standard	2 X 10 ng/vial	4°C
ARG82427-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82427-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82427-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82427-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82427-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82427-008	25X Wash buffer	20 ml	4°C
ARG82427-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82427-010	STOP solution	10 ml (Ready to use)	4°C
ARG82427-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG82427 Human CLEC11A ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human CLEC11A in serum, plasma (EDTA, heparin) and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	CLEC11A
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	78 pg/ml
Sample Type	Serum, plasma (EDTA, heparin) and cell culture supernatants.
Standard Range	156 - 10000 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 6.0% Inter-Assay CV: 5.3%

Alternate Names	LSLCL; Stem cell growth factor; CLECSF3; p47; C-type lectin domain family 11 member A; Lymphocyte secreted C-type lectin; P47; SCGF; C-type lectin superfamily member 3
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Application Instructions

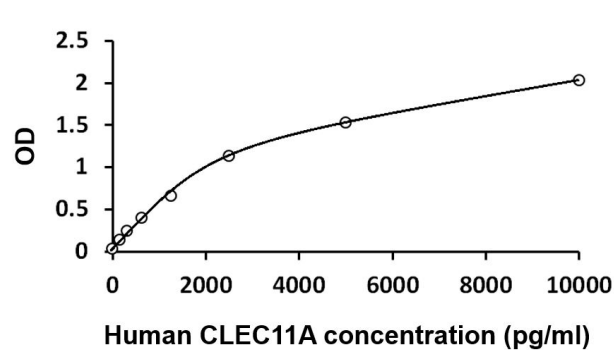
Assay Time	~ 5 hours
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Properties

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	CLEC11A
Gene Full Name	C-type lectin domain family 11, member A
Background	This gene encodes a member of the C-type lectin superfamily. The encoded protein is a secreted sulfated glycoprotein and functions as a growth factor for primitive hematopoietic progenitor cells. An alternative splice variant has been described but its biological nature has not been determined. [provided by RefSeq, Jul 2008]
Function	Stimulates the proliferation and differentiation of hematopoietic precursor cells from various lineages, including erythrocytes, lymphocytes, granulocytes and macrophages. Acts synergistically with other cytokines, including IL-3, GCSF, GMCSF and FLT3 ligand. Suppresses SCF-stimulated erythrocyte proliferation. [UniProt]
Highlight	Related products: CLEC antibodies ; CLEC ELISA Kits ; CLEC Duos / Panels ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData
PTM	O-glycosylated. Probably sulfated on the O-glycans. [UniProt]
Cellular Localization	Cytoplasm. Secreted. [UniProt]



ARG82427 Human CLEC11A ELISA Kit standard curve image

ARG82427 Human CLEC11A ELISA Kit results of a typical standard run with optical density reading at 450 nm.