

ARG82741 Human CLEC14A ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG82741-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82741-002	Standard	2 X 10 ng/vial	4°C
ARG82741-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82741-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82741-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82741-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82741-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82741-008	25X Wash buffer	20 ml	4°C
ARG82741-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82741-010	STOP solution	10 ml (Ready to use)	4°C
ARG82741-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG82741 Human CLEC14A ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human CLEC14A in serum, plasma (EDTA, heparin, citrate) and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	CLEC14A
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	78 pg/ml
Sample Type	Serum, plasma (EDTA, heparin, citrate) and cell culture supernatants.
Standard Range	156 - 10000 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 4.9% Inter-Assay CV: 6.8%

Alternate Names EGFR-5; C14orf27; CEG1; Epidermal growth factor receptor 5; C-type lectin domain family 14 member A

Application Instructions

Assay Time ~ 5 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 CLEC14A

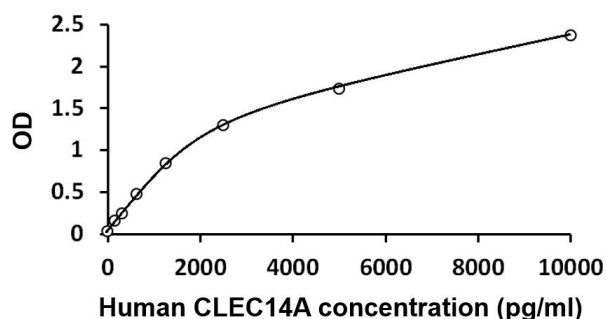
Gene Full Name C-type lectin domain family 14, member A

Background This gene encodes a member of the C-type lectin/C-type lectin-like domain (CTL/CTLD) superfamily. Members of this family share a common protein fold and have diverse functions, such as cell adhesion, cell-cell signalling, glycoprotein turnover, and roles in inflammation and immune response. This family member plays a role in cell-cell adhesion and angiogenesis. It functions in filopodia formation, cell migration and tube formation. Due to its presence at higher levels in tumor endothelium than in normal tissue endothelium, it is considered to be a candidate for tumor vascular targeting. [provided by RefSeq, Jan 2012]

Highlight Related products:
[CLEC antibodies](#); [CLEC ELISA Kits](#); [CLEC Duos / Panels](#);
New ELISA data calculation tool:
[Simplify the ELISA analysis by GainData](#)

Cellular Localization Membrane; Single-pass type I membrane protein. [UniProt]

Images



ARG82741 Human CLEC14A ELISA Kit standard curve image

ARG82741 Human CLEC14A ELISA Kit results of a typical standard run with optical density reading at 450 nm.