

ARG82716 Human CLEC1B / CLEC2 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG82716-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82716-002	Standard	2 X 10 ng/vial	4°C
ARG82716-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82716-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82716-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82716-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82716-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82716-008	25X Wash buffer	20 ml	4°C
ARG82716-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82716-010	STOP solution	10 ml (Ready to use)	4°C
ARG82716-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG82716 Human CLEC1B / CLEC2 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human CLEC1B / CLEC2 in serum, plasma (EDTA, heparin) and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	CLEC1B / CLEC2
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	50 pg/ml
Sample Type	Serum, plasma (EDTA, heparin) and cell culture supernatants.
Standard Range	62.5 - 4000 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 4.7% Inter-Assay CV: 6.2%

Alternate Names CLEC2; C-type lectin domain family 1 member B; CLEC2B; PRO1384; C-type lectin-like receptor 2; CLEC-2; 1810061I13Rik; QDED721

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 CLEC1B

Gene Full Name C-type lectin domain family 1, member B

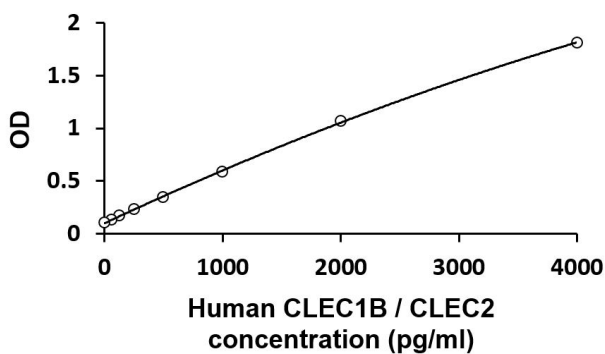
Background Natural killer (NK) cells express multiple calcium-dependent (C-type) lectin-like receptors, such as CD94 (KLRD1; MIM 602894) and NKG2D (KLRC4; MIM 602893), that interact with major histocompatibility complex class I molecules and either inhibit or activate cytotoxicity and cytokine secretion. CLEC2 is a C-type lectin-like receptor expressed in myeloid cells and NK cells (Colonna et al., 2000 [PubMed 10671229]).[supplied by OMIM, Jan 2011]

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

PTM Glycosylated.
Phosphorylated on tyrosine residue in response to rhodocytin binding. [UniProt]

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

Images



ARG82716 Human CLEC1B / CLEC2 ELISA Kit standard curve image

ARG82716 Human CLEC1B / CLEC2 ELISA Kit results of a typical standard run with optical density reading at 450 nm.