

ARG82496 Human ULBP3 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG82496-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82496-002	Standard	2 X 10 ng/vial	4°C
ARG82496-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82496-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82496-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82496-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82496-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82496-008	25X Wash buffer	20 ml	4°C
ARG82496-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82496-010	STOP solution	10 ml (Ready to use)	4°C
ARG82496-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG82496 Human ULBP3 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human ULBP3 in serum, plasma (EDTA, heparin) and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	ULBP3
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: 4.3% Inter-Assay CV: 5.5%

Alternate Names	Retinoic acid early transcript 1N; N2DL-3; RAET1N; ALCAN-gamma; NKG2DL3; NKG2D ligand 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	ULBP3
Gene Full Name	UL16 binding protein 3
Function	Ligand for the KLRK1/NKG2D receptor, together with at least ULBP1 and ULBP2. ULBPs activate multiple signaling pathways in primary NK cells, resulting in the production of cytokines and chemokines. Binding of ULBPs ligands to KLRK1/NKG2D induces calcium mobilization and activation of the JAK2, STAT5, ERK and PI3K kinase/Akt signal transduction pathway. Has lower affinity for KLRK1/NKG2D compared to ULBP1 and ULBP2 and induces weaker signaling responses than does ULBP2 or ULBP1. [UniProt]
Highlight	Related products: ULBP antibodies ; ULBP ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData
Cellular Localization	Cell membrane; Lipid-anchor, GPI-anchor. [UniProt]

Images

