

ARG82524 Mouse CD300b ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG82524-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82524-002	Standard	2 X 10 ng/vial	4°C
ARG82524-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82524-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82524-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82524-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82524-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82524-008	25X Wash buffer	20 ml	4°C
ARG82524-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82524-010	STOP solution	10 ml (Ready to use)	4°C
ARG82524-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG82524 Mouse CD300b ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse CD300b in serum, plasma (EDTA, heparin) and cell culture supernatants.
Tested Reactivity	Ms
Tested Application	ELISA
Target Name	CD300b
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	10 pg/ml
Sample Type	Serum, plasma (EDTA, heparin) and cell culture supernatants.
Standard Range	15.6 - 1000 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 4.6% Inter-Assay CV: 5.6%

Alternate Names	Triggering receptor expressed on myeloid cells 5; Leukocyte mono-Ig-like receptor 5; Immune receptor expressed on myeloid cells 3; CMRF35-A2; CD antigen CD300b; IREM-3; TREM5; CMRF35-like molecule 7; CLM-7; TREM-5; CLM7; CD300b; CD300 antigen-like family member B; IREM3
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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	CD300LB
Gene Full Name	CD300 molecule-like family member b
Background	CD300LB is a nonclassical activating receptor of the immunoglobulin (Ig) superfamily expressed on myeloid cells (Martinez-Barriocanal and Sayos, 2006 [PubMed 16920917]).[supplied by OMIM, Mar 2008]
Function	Acts as an activating immune receptor through its interaction with ITAM-bearing adapter TYROBP, and also independently by recruitment of GRB2. [UniProt]
Highlight	Related products: CD300 antibodies ; CD300 ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData
PTM	Phosphorylation on Tyr-188 by FYN is required for interaction with GRB2. [UniProt]
Cellular Localization	Cell membrane; Single-pass type I membrane protein. [UniProt]

Images

