

ARG81836 Mouse CD200 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG81836-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81836-002	Standard	2 X 10 ng/vial	4°C
ARG81836-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81836-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG81836-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81836-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG81836-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81836-008	25X Wash buffer	20 ml	4°C
ARG81836-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81836-010	STOP solution	10 ml (Ready to use)	4°C
ARG81836-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG81836 Mouse CD200 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse CD200 in serum, plasma (heparin, EDTA) and cell culture supernatants.
Tested Reactivity	Ms
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	CD200
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	15.6 pg/ml
Sample Type	Serum, plasma (heparin, EDTA) and cell culture supernatants.
Standard Range	31.2 - 2000 pg/ml
Sample Volume	100 µl

Precision	Intra-Assay CV: 7.3%; Inter-Assay CV: 8.5%
Alternate Names	OX-2; OX-2 membrane glycoprotein; MOX1; MOX2; CD antigen CD200; MRC

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	CD200
Gene Full Name	CD200 molecule
Background	The protein encoded by this gene is a type-1 membrane glycoprotein, which contains two immunoglobulin domains, and thus belongs to the immunoglobulin superfamily. Studies of the related genes in mouse and rat suggest that this gene may regulate myeloid cell activity and delivers an inhibitory signal for the macrophage lineage in diverse tissues. Multiple alternatively spliced transcript variants that encode different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Function	Costimulates T-cell proliferation. May regulate myeloid cell activity in a variety of tissues. [UniProt]
Highlight	Related products: CD200 antibodies ; CD200 ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData

Images

