

ARG81776 Mouse CD25 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG81776-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81776-002	Standard	2 X 10 ng/vial	4°C
ARG81776-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81776-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG81776-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81776-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG81776-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81776-008	25X Wash buffer	20 ml	4°C
ARG81776-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81776-010	STOP solution	10 ml (Ready to use)	4°C
ARG81776-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG81776 Mouse CD25 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse CD25 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	CD25
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	39 pg/ml
Sample Type	Serum, plasma (heparin, EDTA) and cell culture supernatants.
Standard Range	78 - 5000 pg/ml
Sample Volume	100 µl

Precision	Intra-Assay CV: 5.9%; Inter-Assay CV: 7.0%
Alternate Names	IL-2-RA; IL-2 receptor subunit alpha; CD25; TCGFR; TAC antigen; IL2R; CD antigen CD25; Interleukin-2 receptor subunit alpha; IL-2R subunit alpha; p55; IL2-RA; IDDM10

Application Instructions

Assay Time ~ 5 hours

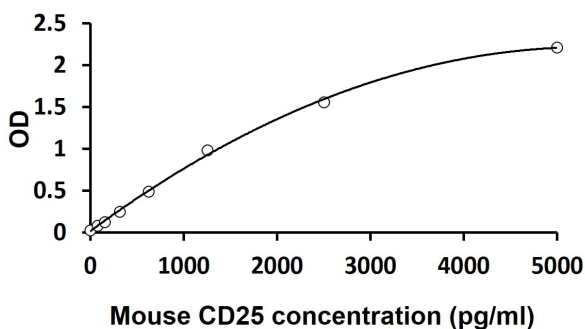
Properties

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	IL2RA
Gene Full Name	interleukin 2 receptor, alpha
Background	The interleukin 2 (IL2) receptor alpha (IL2RA) and beta (IL2RB) chains, together with the common gamma chain (IL2RG), constitute the high-affinity IL2 receptor. Homodimeric alpha chains (IL2RA) result in low-affinity receptor, while homodimeric beta (IL2RB) chains produce a medium-affinity receptor. Normally an integral-membrane protein, soluble IL2RA has been isolated and determined to result from extracellular proteolysis. Alternately-spliced IL2RA mRNAs have been isolated, but the significance of each is presently unknown. Mutations in this gene are associated with interleukin 2 receptor alpha deficiency.[provided by RefSeq, Nov 2009]
Function	Receptor for interleukin-2. [UniProt]
Highlight	Related products: CD25 antibodies ; CD25 ELISA Kits ; CD25 recombinant proteins ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData

Images



ARG81776 Mouse CD25 ELISA Kit standard curve image

ARG81776 Mouse CD25 ELISA Kit results of a typical standard run with optical density reading at 450 nm.