

Product datasheet

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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.
IB	

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 $100 \ \mu l$

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 proteolyisis. 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]

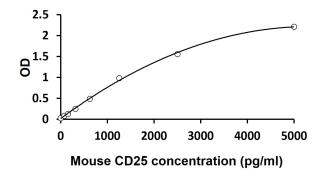
Function Receptor for interleukin-2. [UniProt]

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.