

ARG80104 Human CD25 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG80104-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG80104-002	Standard (Lyophilized)	3 X 1 ng/vial	4°C
ARG80104-003	Standard diluent buffer	20 ml	4°C
ARG80104-004	Antibody conjugate concentrate	400 µl	4°C
ARG80104-005	Antibody diluent buffer	16 ml	4°C
ARG80104-006	HRP-Streptavidin concentrate	400 µl	4°C (Protect from light)
ARG80104-007	HRP-Streptavidin diluent buffer	16 ml	4°C
ARG80104-008	20X Wash buffer	50 ml	4°C
ARG80104-009	TMB substrate	12ml	4°C (Protect from light)
ARG80104-010	STOP solution	12ml	4°C
ARG80104-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG80104 Human CD25 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human CD25 in Serum, Plasma, Cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	No significant cross-reactivity or interference with other soluble cytokine
Target Name	CD25
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm
Sensitivity	16 pg/ml
Sample Type	Serum, Plasma, Cell culture supernatants
Standard Range	31.25 - 2000 pg/ml
Sample Volume	100 µl

Precision	CV: less than10%
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

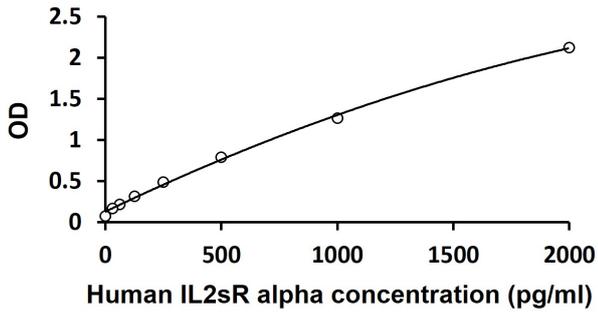
Assay Time	4 hours
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Properties

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	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
Research Area	Immune System kit



ARG80104 Human CD25 ELISA Kit standard curve image

ARG80104 Human CD25 ELISA Kit results of a typical standard run with optical density reading at 450 nm.