

ARG81852 Human sCD5 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG81852-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81852-002	Standard	2 X 10 ng/vial	4°C
ARG81852-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81852-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG81852-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81852-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG81852-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81852-008	25X Wash buffer	20 ml	4°C
ARG81852-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81852-010	STOP solution	10 ml (Ready to use)	4°C
ARG81852-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG81852 Human sCD5 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human sCD5 in serum, plasma (heparin, EDTA) and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	sCD5
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	10 pg/ml
Sample Type	Serum, plasma (heparin, EDTA) and cell culture supernatants.
Standard Range	15.6 - 1000 pg/ml
Sample Volume	100 µl

Precision	Intra-Assay CV: 5.9%; Inter-Assay CV: 6.6%
Alternate Names	CD antigen CD5; Lymphocyte antigen T1/Leu-1; LEU1; T-cell surface glycoprotein CD5; T1

Application Instructions

Assay Time ~ 5 hours

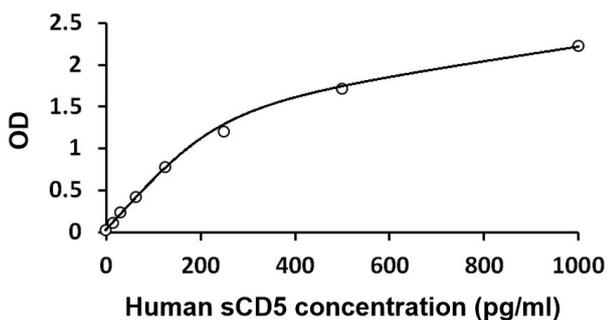
Properties

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	CD5
Gene Full Name	CD5 molecule
Function	May act as a receptor in regulating T-cell proliferation. [UniProt]
Highlight	Related products: CD5 antibodies ; CD5 ELISA Kits ; CD5 Duos / Panels ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData
PTM	Phosphorylated on tyrosine residues by LYN; this creates binding sites for PTPN6/SHP-1. [UniProt]

Images



ARG81852 Human sCD5 ELISA Kit standard curve image

ARG81852 Human sCD5 ELISA Kit results of a typical standard run with optical density reading at 450 nm.