

ARG81553 Human CD150 / SLAM ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG81553-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81553-002	Standard	2 X 10 ng/vial	4°C
ARG81553-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81553-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG81553-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81553-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG81553-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81553-008	25X Wash buffer	20 ml	4°C
ARG81553-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81553-010	STOP solution	10 ml (Ready to use)	4°C
ARG81553-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG81553 Human CD150 / SLAM ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human CD150 / SLAM 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	CD150 / SLAM
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	78 pg/ml
Sample Type	Serum, plasma (heparin, EDTA) and cell culture supernatants.
Standard Range	156 - 10000 pg/ml
Sample Volume	100 µl

Precision	Intra-Assay CV: 4.9% Inter-Assay CV: 5.5%
Alternate Names	Signaling lymphocytic activation molecule; IPO-3; CD150; SLAM; CDw150; CD antigen CD150

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	SLAMF1
Gene Full Name	signaling lymphocytic activation molecule family member 1
Function	High-affinity self-ligand important in bidirectional T-cell to B-cell stimulation. SLAM-induced signal-transduction events in T-lymphocytes are different from those in B-cells. Two modes of SLAM signaling are likely to exist: one in which the inhibitor SH2D1A acts as a negative regulator and another in which protein-tyrosine phosphatase 2C (PTPN11)-dependent signal transduction operates. [UniProt]
Highlight	Related products: CD150 antibodies ; CD150 ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData
PTM	Phosphorylated on tyrosine residues by FYN. [UniProt]

Images

