

ARG83243 Human CD2 ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG83243 Human CD2 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human CD2 in Serum, Plasma and Cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	CD2
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	7 pg/ml
Detection Range	93.7 pg/ml - 6,000 pg/ml
Sample Type	Serum, Plasma and Cell culture supernatants
Precision	Intra-Assay CV: 5.1% Inter-Assay CV: 6.4%
Alternate Names	CD2; CD2 Molecule; SRBC; CD2 Antigen (P50), Sheep Red Blood Cell Receptor; T-Cell Surface Antigen T11/Leu-5; T-Cell Surface Antigen CD2; Erythrocyte Receptor; Rosette Receptor; LFA-3 Receptor; LFA-2; Lymphocyte-Function Antigen-2; CD2 Antigen; T11

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.

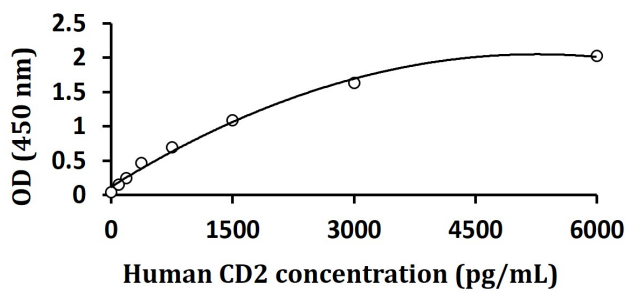
Bioinformation

Gene Symbol	CD2
Gene Full Name	CD2 Molecule
Background	The protein encoded by this gene is a surface antigen found on all peripheral blood T-cells. The encoded protein interacts with LFA3 (CD58) on antigen presenting cells to optimize immune recognition. A locus control region (LCR) has been found in the 3' flanking sequence of this gene.
Function	CD2 interacts with lymphocyte function-associated antigen CD58 (LFA-3) and CD48/BCM1 to mediate

adhesion between T-cells and other cell types. CD2 is implicated in the triggering of T-cells, the cytoplasmic domain is implicated in the signaling function.

PTM	Disulfide bond, Glycoprotein
Cellular Localization	Cell membrane, Membrane

Images



ARG83243 Human CD2 ELISA Kit standard curve image

ARG83243 Human CD2 ELISA Kit results of a typical standard run with optical density reading at 450 nm.