

ARG83740 Mouse CD6 ELISA Kit (Rapid One-Step)

Package: 96 wells
Store at: 4°C, -20°C

Summary

Product Description	ARG83740 Mouse CD6 ELISA Kit (Rapid One-Step) is an Enzyme Immunoassay kit for the quantification of Mouse CD6 in serum, plasma (heparin, EDTA), cell lysates and cell culture supernatants. It is a rapid One-step 90 minutes protocol.
Tested Reactivity	Ms
Tested Application	ELISA
Target Name	CD6
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	10 pg/ml
Sample Type	serum, plasma (heparin, EDTA), cell lysates and cell culture supernatants
Standard Range	62.5 pg/ml - 4000 pg/ml
Sample Volume	50 µl
Alternate Names	CD antigen CD6; TP120; T-cell differentiation antigen CD6; T12

Application Instructions

Assay Time	~ 1.5 hours
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Properties

Form	96 well
Storage instruction	Store the kit at 4°C, -20°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	CD6
Gene Full Name	CD6 molecule
Background	This gene encodes a protein found on the outer membrane of T-lymphocytes as well as some other immune cells. The encoded protein contains three scavenger receptor cysteine-rich (SRCR) domains and a binding site for an activated leukocyte cell adhesion molecule. The gene product is important for continuation of T cell activation. This gene may be associated with susceptibility to multiple sclerosis (PMID: 19525953, 21849685). Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2011]
Function	Involved in cell adhesion. Binds to CD166. [UniProt]

PTM	After T-cell activation, becomes hyperphosphorylated on Ser and Thr residues and phosphorylated on Tyr residues.
	Glycosylated. [UniProt]
Cellular Localization	Cell membrane; Membrane. [Uniprot]