

ARG83257 Human CRTAM ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG83257 Human CRTAM ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human CRTAM 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	CRTAM
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	13 pg/ml
Detection Range	31.2 pg/ml - 2,000 pg/ml
Sample Type	Serum, Plasma and Cell culture supernatants
Precision	Intra-Assay CV: 4.3% Inter-Assay CV: 5.4%
Alternate Names	CRTAM; Cytotoxic And Regulatory T Cell Molecule; CD355; Class-I MHC-Restricted T-Cell-Associated Molecule; Cytotoxic And Regulatory T-Cell Molecule; Class I MHC Restricted T Cell Associated Molecule; CD355 Antigen

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	CRTAM
Gene Full Name	Cytotoxic And Regulatory T Cell Molecule
Background	The CRTAM gene is upregulated in CD4 (see MIM 186940)-positive and CD8 (see CD8A; MIM 186910)-positive T cells and encodes a type I transmembrane protein with V and C1-like Ig domains.
Function	Interaction with CADM1 promotes the adhesion to gut-associated CD103+ dendritic cells, which may facilitate the expression of gut-homing and adhesion molecules on T-cells and the conversion of CD4+ T-

cells into CD4+ CD8+ T-cells.

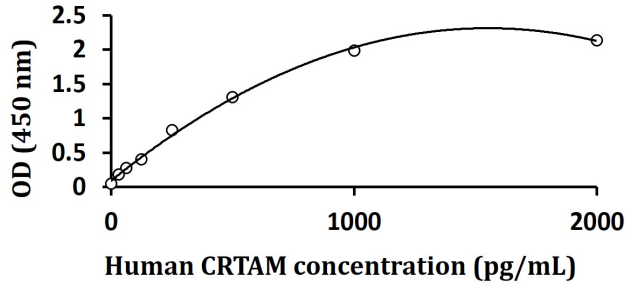
PTM

Disulfide bond, Glycoprotein

Cellular Localization

Cell membrane, Membrane

Images



ARG83257 Human CRTAM ELISA Kit standard curve image

ARG83257 Human CRTAM ELISA Kit results of a typical standard run with optical density reading at 450 nm.