

ARG83257 Human CRTAM ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

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| 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

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| Assay Time | ~ 5 hours |
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Properties

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| 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. |

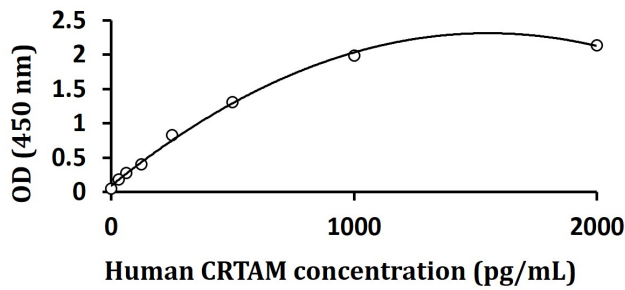
Bioinformation

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| 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.

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| 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.