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CRTAM ELISA Kit





Overview

Quantity:	96 tests
Target:	CRTAM
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	0.6-150 ng/mL
Minimum Detection Limit:	0.6 ng/mL
Application:	ELISA

Product Details

Purpose:	Human CRTAM ELISA Kit for cell culture supernatants, plasma, and serum samples.
Sample Type:	Cell Culture Supernatant, Plasma, Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	Cross Reactivity: This ELISA kit shows no cross-reactivity with the following cytokines tested: human ACE-2, Albumin, AMICA, ANG-4, BAFF, CA19-9, CD163, Clusterin, CXCL14, Cystatin C, Decorin, Dkk-3, DLL1, Fetuin A, aFGF, FOLR1, Furin, GASP-1, GASP-2, GCSF R, HAI-2, IL-17B R, IL-27, LAG-3, LDL R, Pepsinogen I, RANK, RBP4, SOST, Syndecan-1, TACI, TFPI, TSP-1, TRAIL R2, TRANCE, Troponin I, uPA, VE-Cadherin, WISP-1.
Sensitivity:	0.6 ng/mL
Characteristics:	Strip plates and additional reagents allow for use in multiple experiments

Product Details

- · Quantitative protein detection
- · Establishes normal range
- The best products for confirmation of antibody array data

Components:

- · Pre-Coated 96-well Strip Microplate
- · Wash Buffer
- · Stop Solution
- · Assay Diluent(s)
- · Lyophilized Standard
- · Biotinylated Detection Antibody
- · Streptavidin-Conjugated HRP
- TMB One-Step Substrate

Material not included:

- · Distilled or deionized water
- Precision pipettes to deliver 2 μL to 1 μL volumes
- Adjustable 1-25 µL pipettes for reagent preparation
- 100 µL and 1 liter graduated cylinders
- · Tubes to prepare standard and sample dilutions
- · Absorbent paper
- Microplate reader capable of measuring absorbance at 450nm
- · Log-log graph paper or computer and software for ELISA data analysis

Target Details

Target:	CRTAM
Alternative Name:	CRTAM (CRTAM Products)
Background:	Gene Names: CRTAM Protein names: Cytotoxic and regulatory T-cell molecule (Class-I MHC-restricted T-cell-associated molecule) (CD antigen CD355)
Gene ID:	56253
UniProt:	095727
Pathways:	Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process, Activated T Cell Proliferation

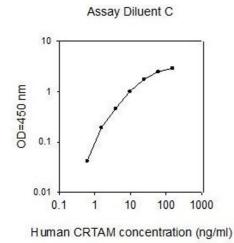
Application Details

Application Notes:	Recommended Dilution for serum and plasma samples2 fold
Sample Volume:	100 μL

Application Details

Plate:	Pre-coated
Protocol:	1. Prepare all reagents, samples and standards as instructed in the manual.
	2. Add 100 μL of standard or sample to each well.
	3. Incubate 2.5 h at RT or O/N at 4 °C.
	4. Add 100 μL of prepared biotin antibody to each well.
	5. Incubate 1 h at RT.
	6. Add 100 μL of prepared Streptavidin solution to each well.
	7. Incubate 45 min at RT.
	8. Add 100 μL of TMB One-Step Substrate Reagent to each well.
	9. Incubate 30 min at RT.
	10. Add 50 μL of Stop Solution to each well.
	11. Read at 450 nm immediately.
Restrictions:	For Research Use only
Handling	
Storage:	-20 °C
Storage Comment:	The entire kit may be stored at -20°C for up to 1 year from the date of shipment. Avoid repeated
	freeze-thaw cycles. The kit may be stored at 4°C for up to 6 months. For extended storage, it is
	recommended to store at -80°C.
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Expiry Date:	6 months
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Image 1.