

Datasheet for ABIN2702930

**CRTAM ELISA Kit**[Go to Product page](#)**1** Image

## 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:	<ul style="list-style-type: none"><li>Strip plates and additional reagents allow for use in multiple experiments</li></ul>

## Product Details

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- 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  $\mu$ L to 1  $\mu$ L volumes
  - Adjustable 1-25  $\mu$ L pipettes for reagent preparation
  - 100  $\mu$ L 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

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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: [O95727](#)

Pathways: [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Activated T Cell Proliferation](#)

## Application Details

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Application Notes: Recommended Dilution for serum and plasma samples 2 fold

Sample Volume: 100  $\mu$ L

## Application Details

Plate: Pre-coated

Protocol:

1. Prepare all reagents, samples and standards as instructed in the manual.
2. Add 100  $\mu$ L of standard or sample to each well.
3. Incubate 2.5 h at RT or O/N at 4  $^{\circ}$ C.
4. Add 100  $\mu$ L of prepared biotin antibody to each well.
5. Incubate 1 h at RT.
6. Add 100  $\mu$ L of prepared Streptavidin solution to each well.
7. Incubate 45 min at RT.
8. Add 100  $\mu$ L of TMB One-Step Substrate Reagent to each well.
9. Incubate 30 min at RT.
10. Add 50  $\mu$ L of Stop Solution to each well.
11. Read at 450 nm immediately.

Restrictions: For Research Use only

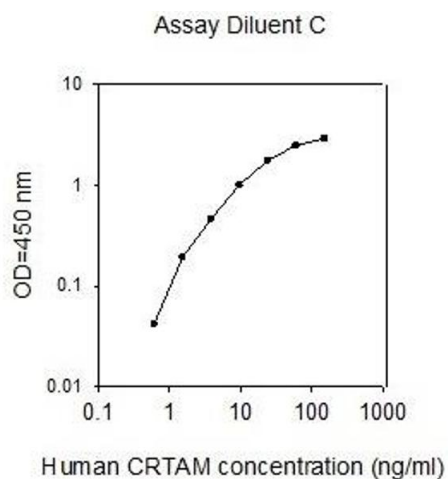
## Handling

Storage: -20  $^{\circ}$ C

Storage Comment: The entire kit may be stored at -20 $^{\circ}$ C for up to 1 year from the date of shipment. Avoid repeated freeze-thaw cycles. The kit may be stored at 4 $^{\circ}$ C for up to 6 months. For extended storage, it is recommended to store at -80 $^{\circ}$ C.

Expiry Date: 6 months

## Images



ELISA

Image 1.