

Datasheet for ABIN6719690

ADAM8 ELISA Kit[Go to Product page](#)**1** Image

Overview

Quantity:	1 kit
Target:	ADAM8
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	62.5 pg/mL - 4000 pg/mL
Minimum Detection Limit:	62.5 pg/mL
Application:	ELISA

Product Details

Purpose:	Sandwich ELISA for Quantitative Detection of Antigen
Sample Type:	Cell Culture Supernatant, Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Characteristics:	<p>Synonyms: A Disintegrin And Metalloproteinase domain 8, ADAM 8, ADAM 8 precursor, ADAM metalloproteinase domain 8, Adam8, ADAM8_HUMAN, CD 156, CD156, CD156a, CD156a antigen, CD156a antigen, Cell surface antigen MS2, Cell surface antigen MS2, Disintegrin and metalloproteinase domain-containing protein 8, Human leukocyte differentiation antigen, Human leukocyte differentiation antigen, Macrophage cysteine rich glycoprotein, MGC134985, MS 2, MS2</p> <p>Background: A Disintegrin and metalloproteinase domain-containing protein 8 is an enzyme that in humans is encoded by the ADAM8 gene. ADAM8 is localized to chromosome 10q26.3.</p>

Product Details

This gene encodes a member of the ADAM (a disintegrin and metalloproteinase domain) family. Members of the ADAM family, such as ADAM8, are cell surface proteases involved in remodeling of extracellular matrix, cell migration, and processing of membrane-bound signaling molecules. They are characterized by disintegrin and metalloprotease domains that confer adhesive properties and proteolytic activities, respectively. And the protein encoded by this gene may be involved in cell adhesion during neurodegeneration.

Gene Name: ADAM8

Production: Natural and recombinant human ADAM8. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: NSO, Immunogen sequence: M1-P497

Target Details

Target: ADAM8

Alternative Name: ADAM8 ([ADAM8 Products](#))

Gene ID: 101

NCBI Accession: [NP_001100](#)

UniProt: [P78325](#)

Pathways: [Activation of Innate immune Response, M Phase](#)

Application Details

Application Notes: Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 4000pg/mL, 2000pg/mL, 1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL, 62.5pg/mL human ADAM8 standard solutions into the precoated 96-well plate. Add 0.1 mL of the sample diluent buffer into the control well (Zero well). Add 0.1 mL of each properly diluted sample of human cell culture supernates or serum to each empty well. It is recommended that each human ADAM8 standard solution and each sample be measured in duplicate.
ELISA Dilution: 62.5pg/mL-4000pg/mL

Sample Volume: 100 µL

Plate: Pre-coated

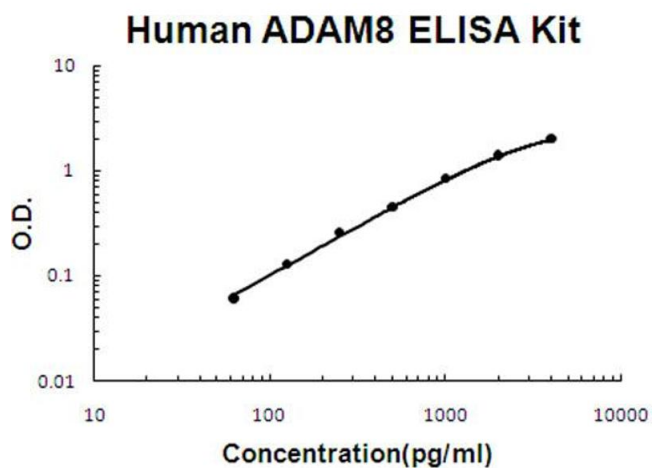
Restrictions: For Research Use only

Handling

Storage: RT,4 °C,-20 °C

Storage Comment: Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing.

Images



ELISA

Image 1. Human ADAM8 Accusignal ELISA Kit Human ADAM8 AccuSignal ELISA Kit standard curve. Assay Range: 62.5pg/ml-4000pg/ml. Sensitivity: <10pg/ml.