

## Datasheet for ABIN6720308 **ADAM9 ELISA Kit**



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### Overview

Quantity:	1 kit
Target:	ADAM9
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	15.6 pg/mL - 1000 pg/mL
Minimum Detection Limit:	15.6 pg/mL
Application:	ELISA

### Product Details

Purpose:	Sandwich ELISA for Quantitative Detection of Antigen
Sample Type:	Cell Culture Supernatant, Plasma (heparin), Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Characteristics:	<p>Synonyms: ADAM 9, ADAM metalloproteinase domain 9, Adam9, ADAM9_HUMAN, Cellular disintegrin-related protein, Cone rod dystrophy 9, CORD9, Disintegrin and metalloproteinase domain-containing protein 9, MCMP, MDC9, Meltrin-gamma, Metalloprotease/disintegrin/cysteine-rich protein 9, Mltng, Myeloma cell metalloproteinase</p> <p>Background: Disintegrin and metalloproteinase domain-containing protein 9, also known as MCMP or MDC9 is an enzyme that in humans is encoded by the ADAM9 gene. This gene encodes a member of the ADAM('a disintegrin and metalloproteinase') family and exhibits a number of characteristics of class III reprolysins. This gene is mapped to 8p11.22. Members of</p>

## Product Details

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this family are membrane-anchored proteins structurally related to snake venom disintegrins, and have been implicated in a variety of biological processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis.

Gene Name: ADAM9

Production: Natural and recombinant human ADAM9. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: NSO, Immunogen sequence: A29-D697

## Target Details

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Target:	ADAM9
Alternative Name:	ADAM9 ( <a href="#">ADAM9 Products</a> )
Gene ID:	8754
NCBI Accession:	<a href="#">NP_003807</a>
UniProt:	<a href="#">Q13443</a>
Pathways:	<a href="#">Cellular Response to Molecule of Bacterial Origin, SARS-CoV-2 Protein Interactome</a>

## Application Details

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Application Notes: Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL, 62.5pg/mL, 31.2pg/mL, 15.6pg/mL human ADAM9 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, serum or plasma(heparin) to each empty well. It is recommended that each human ADAM9 standard solution and each sample be measured in duplicate.

Blood Product Anticoagulant: Heparin Sodium

ELISA Dilution: 15.6pg/mL-1000pg/mL

Sample Volume:	100 µL
Plate:	Pre-coated
Restrictions:	For Research Use only

## Handling

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Storage:	RT,4 °C,-20 °C
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## Handling

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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.