

Datasheet for KOA0806**Human ADAM9 ELISA Kit****Overview**

Description:	Human ADAM9 AccuSignal ELISA Kit - KOA0806
Item No.:	KOA0806
Size:	1 Kit
Applications:	ELISA
Reactivity:	Human
Range:	15.6 pg/ml - 1000 pg/ml

Product Details

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 reprotlysins. This gene is mapped to 8p11.22. Members of 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.
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
Detection Kit Type:	ELISA Kit
Detection Range:	15.6 pg/ml - 1000 pg/ml
Sensitivity:	<10 pg/ml

Target Details

Gene Name:	ADAM9
Reactivity:	Human
Immunogen:	Expression system for standard: NSO; Immunogen sequence: A29-D697

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

Relevant Links:

- [UniProtKB - Q13443](#)
- [NCBI - NP_003807.1](#)
- [GeneID - 8754](#)
- [KOA0806 Protocol](#)

Application Details

Tested Applications: ELISA

Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1ml 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 0.1ml of the sample diluent buffer into the control well (Zero well). Add 0.1ml 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.

Assay Dilutions: All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

Formulation

Anticoagulant: Heparin Sodium

Shipping & Handling

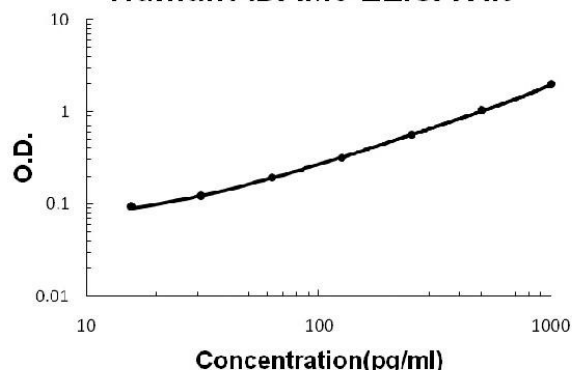
Shipping Condition: Wet Ice

Storage Condition: 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.

Expiration: See kit insert for complete instructions.

Images

Human ADAM9 ELISA Kit



ELISA

Human ADAM9 ELISA Kit standard curve.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.