

Human A Disintegrin And Metalloprotease 22 (ADAM22) ELISA Kit | ADAM22 elisa kit

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CATALOG #
AAA65896

REACTIVITY
Human

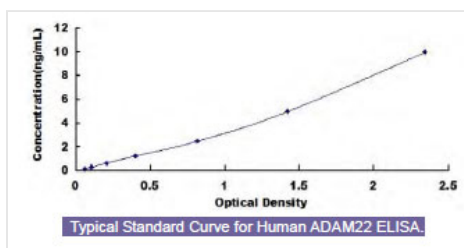
PRODUCT SYNONYMS

A Disintegrin And Metalloprotease 22 (ADAM22); Human A Disintegrin And Metalloprotease 22 (ADAM22) ELISA Kit; MDC2; Disintegrin And Metalloproteinase Domain-Containing Protein 22; Metalloproteinase-Like; Disintegrin-Like; And Cysteine-Rich Protein 2; ADAM22 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ADAM22. No significant cross-reactivity or interference between ADAM22 and analogues was observed.
Sequence Length	859
Samples	Serum, plasma, tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.057ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ADAM22 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level ADAM22 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADAM22 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of ADAM22 in human serum, plasma, tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ADAM22. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ADAM22. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain ADAM22, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of ADAM22 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4757722
NCBI GeneID	53616
NCBI Accession #	NP_004185.1
NCBI GenBank Nucleotide #	NM_004194.4
UniProt Accession #	Q9P0K1; O75075; O75076; Q9P0K2; Q9UIA1; Q9UKK2
Molecular Weight	96,637 Da
NCBI Official Full Name	disintegrin and metalloproteinase domain-containing protein 22 isoform 4
NCBI Official Synonym Full Names	ADAM metalloproteinase domain 22
NCBI Official Symbol	ADAM22
NCBI Official Synonym Symbols	MDC2; ADAM 22
NCBI Protein Information	disintegrin and metalloproteinase domain-containing protein 22
UniProt Protein Name	Disintegrin and metalloproteinase domain-containing protein 22
UniProt Gene Name	ADAM22
UniProt Synonym Gene Names	MDC2; ADAM 22

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/a-disintegrin-and-metalloprotease-22-adam22/65896>