

Human Disintegrin and metalloproteinase domain-containing protein 29 ELISA Kit | ADAM29 elisa kit

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CATALOG #
AAA100168

REACTIVITY
Human

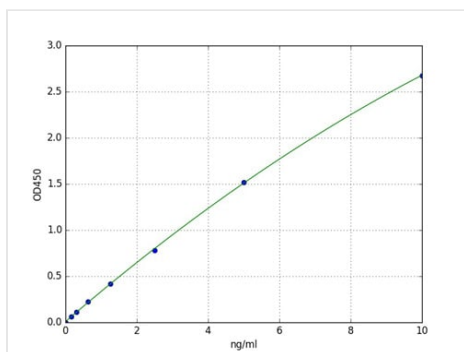
PRODUCT SYNONYMS

Disintegrin and metalloproteinase domain-containing protein 29; Human Disintegrin and metalloproteinase domain-containing protein 29 ELISA Kit; ADAM29/Cancer/testis antigen 73 (CT73); ADAM29 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	820
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human ADAM29 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.079	0.128	0.167	0.260	0.424	0.831	1.389	1.789

ADDITIONAL INFORMATION

Related Product Information for ADAM29 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human ADAM29 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human ADAM29 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human ADAM29 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human ADAM29 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	73765552
NCBI GeneID	11086
NCBI Accession #	NP_055084.3
NCBI GenBank Nucleotide #	NM_014269.4
Molecular Weight	89,460 Da
NCBI Official Full Name	disintegrin and metalloproteinase domain-containing protein 29 preproprotein
NCBI Official Synonym Full Names	ADAM metallopeptidase domain 29
NCBI Official Symbol	ADAM29
NCBI Official Synonym Symbols	CT73; svph1
NCBI Protein Information	disintegrin and metalloproteinase domain-containing protein 29
UniProt Protein Name	Disintegrin and metalloproteinase domain-containing protein 29
UniProt Gene Name	ADAM29
UniProt Synonym Gene Names	ADAM 29; CT73
UniProt Entry Name	ADA29_HUMAN

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/adam29-human-elisa-kits/disintegrin-and-metalloproteinase-domain-containing-protein-29/100168>