

Human ADAM DEC1 (ADAMDEC1) ELISA Kit | ADAMDEC1 elisa kit

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CATALOG #
AAA331107

REACTIVITY
Human

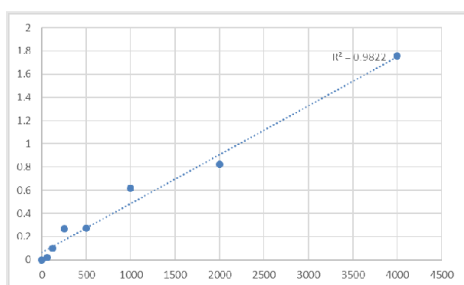
PRODUCT SYNONYMS

ADAM DEC1 (ADAMDEC1); Human ADAM DEC1 (ADAMDEC1) ELISA Kit; ADAMDEC1; FLJ79219; M12.219; decysin; disintegrin protease; ADAMDEC1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human ADAM DEC1 (ADAMDEC1) ELISA Kit has high sensitivity and excellent specificity for detection of Human ADAMDEC1. No significant cross-reactivity or interference between Human ADAMDEC1 and analogues was observed.
Sequence Length	391
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human ADAM DEC1 (ADAMDEC1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for ADAMDEC1 elisa kit	Description: This Human ADAM DEC1 (ADAMDEC1) ELISA Kit employs a two-site sandwich ELISA to quantitate ADAMDEC1 in samples. An antibody specific for ADAMDEC1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ADAMDEC1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ADAMDEC1 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of ADAMDEC1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: The ADAM family is composed of zinc-binding proteins that can function as adhesion proteins and/or endopeptidases. The prototypic ADAM protein has a prodomain, a metalloprotease domain, a disintegrin domain, a cysteine-rich region, a transmembrane domain, and a variable cytoplasmic tail. ADAMDEC1 belongs to a novel ADAM subfamily due to its partial lack of a disintegrin domain and its total lack of a cysteine-rich domain. ADAMDEC1 protein has 2 unique features compared with other ADAM proteins: the third histidine residue in its zinc-binding site is replaced with an aspartate, and it prematurely terminates in the disintegrin domain, deleting half the disintegrin domain as well as the cysteine-rich domain, the transmembrane domain, and the intracellular tail.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	223671930
NCBI GeneID	27299
NCBI Accession #	NP_001138743.1
NCBI GenBank Nucleotide #	NP_001138743.1
UniProt Accession #	O15204
NCBI Official Full Name	ADAM DEC1 isoform 2
NCBI Official Synonym Full Names	ADAM like decysin 1
NCBI Official Symbol	ADAMDEC1
NCBI Official Synonym Symbols	M12.219
NCBI Protein Information	ADAM DEC1
UniProt Protein Name	ADAM DEC1
UniProt Gene Name	ADAMDEC1
UniProt Synonym Gene Names	ADAM-like protein decysin-1
UniProt Entry Name	ADEC1_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/human-elisa-kits/adam-dec1-adamdec1/331107>