

Human A Disintegrin And Metalloprotease 33 (ADAM33) ELISA Kit | ADAM33 elisa kit

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CATALOG #
AAA331104

REACTIVITY
Human

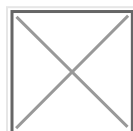
PRODUCT SYNONYMS

A Disintegrin And Metalloprotease 33 (ADAM33); Human A Disintegrin And Metalloprotease 33 (ADAM33) ELISA Kit; ADAM33; RP5-964F7.2; C20orf153; DJ964F7.1; DKFZp434K0521; FLJ35308; FLJ36751; MGC149823; MGC71889; a disintegrin and metalloprotease 33; a disintegrin and metalloproteinase domain 33; disintegrin and reprolys; ADAM33 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human A Disintegrin And Metalloprotease 33 (ADAM33) ELISA Kit has high sensitivity and excellent specificity for detection of Human ADAM33. No significant cross-reactivity or interference between Human ADAM33 and analogues was observed.
Sequence Length	813
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 A Disintegrin And Metalloprotease 33 (ADAM33) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for ADAM33 elisa kit	Description: This Human A Disintegrin And Metalloprotease 33 (ADAM33) ELISA Kit employs a two-site sandwich ELISA to quantitate ADAM33 in samples. An antibody specific for ADAM33 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ADAM33 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ADAM33 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 ADAM33 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: ADAM33 encodes a member of the ADAM (a disintegrin and metalloprotease domain) family. This protein is a type I transmembrane protein implicated in asthma and bronchial hyperresponsiveness. Alternative splicing of this gene results in two transcript variants encoding different isoforms. The 813-amino acid human protein shares 70% identity with the mouse protein. ADAM33 has a domain organization identical to that of previously reported members of the ADAM family, and contains the typical zinc-binding consensus sequence in the metalloprotease domain and a pattern of cysteine localization in the EGF-like domain that is typical of an EGF-like motif. The human protein shows 44% identity with Xenopus ADAM13, 40% with human ADAM19, and 39% with human ADAM12.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	18252045
NCBI GeneID	80332
NCBI Accession #	NP_079496.1
NCBI GenBank Nucleotide #	NP_079496.1
UniProt Accession #	Q9BZ11
NCBI Official Full Name	disintegrin and metalloproteinase domain-containing protein 33 isoform alpha preproprotein
NCBI Official Synonym Full Names	ADAM metallopeptidase domain 33
NCBI Official Symbol	ADAM33
NCBI Official Synonym Symbols	C20orf153; DJ964F7.1
NCBI Protein Information	disintegrin and metalloproteinase domain-containing protein 33
UniProt Protein Name	Disintegrin and metalloproteinase domain-containing protein 33
UniProt Gene Name	ADAM33
UniProt Synonym Gene Names	C20orf153
UniProt Entry Name	ADA33_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.