

Human ADAM metallopeptidase domain 33 ELISA Kit | ADAM33 elisa kit

Human A Disintegrin And Metalloprotease 33, ADAM33 ELISA Kit

CATALOG #
AAA79973

REACTIVITY
Human

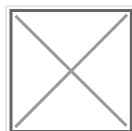
PRODUCT SYNONYMS

ADAM metallopeptidase domain 33; Human A Disintegrin And Metalloprotease 33; ADAM33 ELISA Kit; 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	This assay 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	812
Assay Type	Sandwich
Detection Range	31.2 pg/ml-2000 pg/ml
Sensitivity	8 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADAM33 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. 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, avidin 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	540344525
NCBI GeneID	80332
NCBI Accession #	NP_001269376.1
NCBI GenBank Nucleotide #	NM_001282447.1
UniProt Accession #	Q9BZ11; Q5JT75; Q5JT76; Q8NOW6; A0A1K6
Molecular Weight	87,739 Da
NCBI Official Full Name	disintegrin and metalloproteinase domain-containing protein 33 isoform gamma 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; ADAM 33; a disintegrin and metalloprotease 33; a disintegrin and metalloproteinase domain 33; disintegrin and repolysin metalloproteinase family protein
UniProt Protein Name	Disintegrin and metalloproteinase domain-containing protein 33
UniProt Gene Name	ADAM33
UniProt Synonym Gene Names	C20orf153; UNQ873/PRO1891; ADAM 33
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.

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Online datasheet: <https://stage.aaabiotech.com/adam33-human-elisa-kits/adam-metallopeptidase-domain-33/79973>