

Human Probable DNA dC->dU-editing enzyme APOBEC-3C ELISA Kit | APOBEC3C elisa kit

Human Probable DNA dC->dU-editing enzyme APOBEC-3C (APOBEC3C) ELISA Kit

CATALOG # AAA55539	REACTIVITY Human
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PRODUCT SYNONYMS

Probable DNA dC->dU-editing enzyme APOBEC-3C; Human Probable DNA dC->dU-editing enzyme APOBEC-3C (APOBEC3C) ELISA Kit; APOBEC3C elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human APOBEC3C. No significant cross-reactivity or interference between Human APOBEC3C and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.625 ng/mL - 40 ng/mL
Sensitivity	0.31 ng/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for APOBEC3C elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate APOBEC3C in Human serum, plasma, tissue homogenates. An antibody specific for APOBEC3C has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any APOBEC3C present is bound by the immobilized antibody. After removing any unbound substances, a biotin- conjugated antibody specific for APOBEC3C 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 APOBEC3C bound in the initial step. The color development is stopped and the intensity of the color is measured. Intended Uses: For the quantitative detection of Human Probable DNA dC-dU-editing enzyme APOBEC-3C (APOBEC3C) concentration in serum, plasma, tissue homogenates and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	22907039
NCBI GeneID	27350
NCBI Accession #	NP_055323.2
NCBI GenBank Nucleotide #	NM_014508.2
UniProt Accession #	Q9NRW3 ; Q5JZ92 ; Q7Z2N7 ; Q96F12 ; B2R884

Molecular Weight	22,826 Da
NCBI Official Full Name	DNA dC->dU-editing enzyme APOBEC-3C
NCBI Official Synonym Full Names	apolipoprotein B mRNA editing enzyme catalytic subunit 3C
NCBI Official Symbol	APOBEC3C
NCBI Official Synonym Symbols	A3C; PBI; ARP5; ARDC2; ARDC4; APOBEC1L; bK150C2.3
NCBI Protein Information	DNA dC->dU-editing enzyme APOBEC-3C
UniProt Protein Name	DNA dC->dU-editing enzyme APOBEC-3C
UniProt Gene Name	APOBEC3C
UniProt Synonym Gene Names	APOBEC1L; PBI; A3C

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/apobec3c-human-elisa-kits/probable-dna-dc-du-editing-enzyme-apobec-3c/55539>