

Human N-Acetyltransferase 10 (NAT10) ELISA Kit | NAT10 elisa kit

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CATALOG #
AAA331536

REACTIVITY
Human

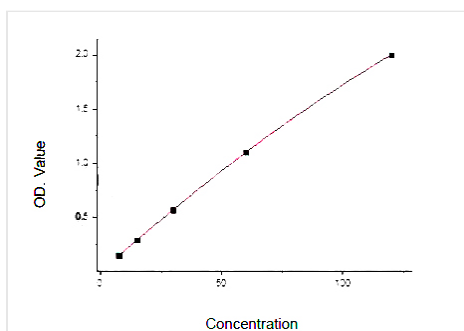
PRODUCT SYNONYMS

N-Acetyltransferase 10 (NAT10); Human N-Acetyltransferase 10 (NAT10) ELISA Kit; NAT10; ALP; DKFZp434C116; FLJ10774; FLJ12179; FLJ23850; KIAA1709; NET43; N-acetyltransferase 10; N-acetyltransferase-like protein; NAT10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human N-acetyltransferase 10 (NAT10) ELISA Kit has high sensitivity and excellent specificity for detection of Human NAT10. No significant cross-reactivity or interference between Human NAT10 and analogues was observed.
Sequence Length	1025
Assay Type	Sandwich
Samples	Human serum, cell culture supernates and other biological fluids
Detection Range	7.5 ng/L - 120 ng/L
Sensitivity	< 0.5ng/L
Intra-assay Precision	Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%)?9%.
Inter-assay Precision	Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%)?11%.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NAT10 elisa kit	Background: N-acetyltransferase 10 encoded by NAT10 is an RNA cytidine acetyltransferase involved in histone acetylation, tRNA acetylation, the biosynthesis of 18S rRNA, and the enhancement of nuclear architecture and chromatin organization. Principle of the Assay: Human N-acetyltransferase 10 (NAT10) ELISA Kit employs a two-site sandwich ELISA to quantitate NAT10 in samples. An antibody specific for NAT10 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any NAT10 present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Human NAT10 detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of NAT10 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	313104140
NCBI GeneID	55226
UniProt Accession #	Q9H0A0
NCBI Official Full Name	RNA cytidine acetyltransferase
NCBI Official Synonym Full Names	N-acetyltransferase 10
NCBI Official Symbol	NAT10
NCBI Official Synonym Symbols	ALP; Kre33; NET43
NCBI Protein Information	RNA cytidine acetyltransferase
UniProt Protein Name	N-acetyltransferase 10
UniProt Gene Name	NAT10
UniProt Synonym Gene Names	ALP; KIAA1709
UniProt Entry Name	NAT10_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.