

Human N-alpha-acetyltransferase 10 (NAA10) ELISA Kit | NAA10 elisa kit

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CATALOG #
AAA68089

REACTIVITY
Human

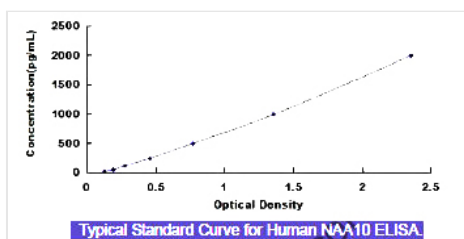
PRODUCT SYNONYMS

N-alpha-acetyltransferase 10 (NAA10); Human N-alpha-acetyltransferase 10 (NAA10) ELISA Kit; NAA10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of NAA10. No significant cross-reactivity or interference between NAA10 and analogues was observed.
Sequence Length	220
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Assay Type	Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	9.64pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level NAA10 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level NAA10 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NAA10 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of NAA10 in human serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to NAA10. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to NAA10. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain NAA10, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of NAA10 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	371121601
NCBI GeneID	8260
NCBI Accession #	NP_001243048.1
NCBI GenBank Nucleotide #	NM_001256119.1
UniProt Accession #	P41227; A6NM98
Molecular Weight	24,784 Da
NCBI Official Full Name	N-alpha-acetyltransferase 10 isoform 2
NCBI Official Synonym Full Names	N(alpha)-acetyltransferase 10, NatA catalytic subunit
NCBI Official Symbol	NAA10
NCBI Official Synonym Symbols	TE2; ARD1; NATD; ARD1A; ARD1P; OGDNS; DXS707; MCOPS1
NCBI Protein Information	N-alpha-acetyltransferase 10
UniProt Protein Name	N-alpha-acetyltransferase 10
UniProt Gene Name	NAA10
UniProt Synonym Gene Names	ARD1; ARD1A; TE2

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/n-alpha-acetyltransferase-10-naa10/68089>