

Human N-alpha-Acetyltransferase 50, NatE Catalytic Subunit (NAT13) ELISA Kit | NAA50 elisa kit

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CATALOG # AAA331534	REACTIVITY Human
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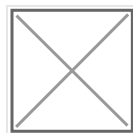
PRODUCT SYNONYMS

N-alpha-Acetyltransferase 50; NatE Catalytic Subunit (NAT13); Human N-alpha-Acetyltransferase 50; NatE Catalytic Subunit (NAT13) ELISA Kit; NAT13; FLJ13194; MAK3; NAT5; SAN; hNAT5; hSAN; Mak3 homolog; N-acetyltransferase 13; N-acetyltransferase 5; separation anxiety; NAA50 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human N-alpha-acetyltransferase 50, NatE catalytic subunit (NAT13) ELISA Kit has high sensitivity and excellent specificity for detection of Human NAT13. No significant cross-reactivity or interference between Human NAT13 and analogues was observed.
Sequence Length	169
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 N-alpha-acetyltransferase 50, NatE catalytic subunit (NAT13) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for NAA50 elisa kit	Description: This Human N-alpha-acetyltransferase 50, NatE catalytic subunit (NAT13) ELISA Kit employs a two-site sandwich ELISA to quantitate NAT13 in samples. An antibody specific for NAT13 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any NAT13 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for NAT13 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 NAT13 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: NAA50 (N(Alpha)-Acetyltransferase 50, NatE Catalytic Subunit) is a Protein Coding gene. Diseases associated with NAA50 include Cerebellar Ataxia, Deafness, And Narcolepsy, Autosomal Dominant and Neuropathy, Hereditary Sensory And Autonomic, Type V. Among its related pathways are Cytochrome P450 - arranged by substrate type. GO annotations related to this gene include N-acetyltransferase activity and H4 histone acetyltransferase activity. Probable catalytic component of the NAA11-NAA15 complex which displays alpha (N-terminal) acetyltransferase activity.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13376735
NCBI GeneID	80218
NCBI Accession #	NP_079422.1
NCBI GenBank Nucleotide #	NP_079422.1
UniProt Accession #	Q9GZZ1
NCBI Official Full Name	N-alpha-acetyltransferase 50 isoform 1
NCBI Official Synonym Full Names	N(alpha)-acetyltransferase 50, NatE catalytic subunit
NCBI Official Symbol	NAA50
NCBI Official Synonym Symbols	SAN; MAK3; NAT5; NAT13; NAT5P; NAT13P; hNaa50p
NCBI Protein Information	N-alpha-acetyltransferase 50
UniProt Protein Name	N-alpha-acetyltransferase 50
UniProt Gene Name	NAA50
UniProt Synonym Gene Names	MAK3; NAT13; NAT5; hNAT5; hSAN
UniProt Entry Name	NAA50_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.