

Human Probable N-Acetyltransferase 8B (NAT8B) ELISA Kit | NAT8B elisa kit

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CATALOG #
AAA331528

REACTIVITY
Human

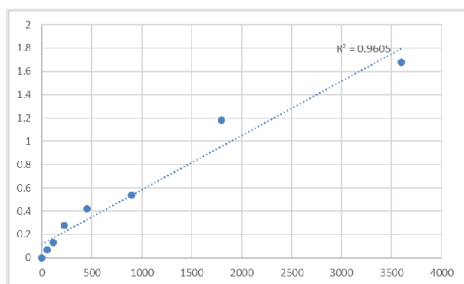
PRODUCT SYNONYMS

Probable N-Acetyltransferase 8B (NAT8B); Human Probable N-Acetyltransferase 8B (NAT8B) ELISA Kit; NAT8B; CML2; Hcml2; MGC97061; NAT8BP; N-acetyltransferase 8B; N-acetyltransferase 8B (gene/pseudogene); N-acetyltransferase Camello 2; NAT8B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Probable N-acetyltransferase 8B (NAT8B) ELISA Kit has high sensitivity and excellent specificity for detection of Human NAT8B. No significant cross-reactivity or interference between Human NAT8B and analogues was observed.
Sequence Length	227
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 Probable N-acetyltransferase 8B (NAT8B) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for NAT8B elisa kit	Description: This Human Probable N-acetyltransferase 8B (NAT8B) ELISA Kit employs a two-site sandwich ELISA to quantitate NAT8B in samples. An antibody specific for NAT8B has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any NAT8B present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for NAT8B 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 NAT8B bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Probable N-acetyltransferase 8B encoded by NAT8B is highly similar to the N-acetyltransferase 8 (NAT8) gene product, which is a kidney and liver protein with homology to bacterial acetyltransferases involved in drug resistance. NAT8B is localized on chromosome 2 in the vicinity of the NAT8 gene and may represent a pseudogene of NAT8. NAT8B contains two polymorphic nonsense mutations that disrupt the active site of the protein. The full-length product of NAT8B contains a complete acetyltransferase domain and is identical in length to NAT8.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	117168283
NCBI GeneID	51471
NCBI Accession #	NP_057431.2
NCBI GenBank Nucleotide #	NP_057431.2
UniProt Accession #	Q9UHF3
NCBI Official Full Name	putative N-acetyltransferase 8B
NCBI Official Synonym Full Names	N-acetyltransferase 8B (putative, gene/pseudogene)
NCBI Official Symbol	NAT8B
NCBI Official Synonym Symbols	CML2; Hcml2; NAT8BP
NCBI Protein Information	putative N-acetyltransferase 8B
UniProt Protein Name	Putative N-acetyltransferase 8B
UniProt Gene Name	NAT8B
UniProt Synonym Gene Names	ATase1

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/probable-n-acetyltransferase-8b-nat8b/331528>