

Human Probable N-Acetyltransferase 8 (NAT8) ELISA Kit | NAT8 elisa kit

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CATALOG #
AAA331529

REACTIVITY
Human

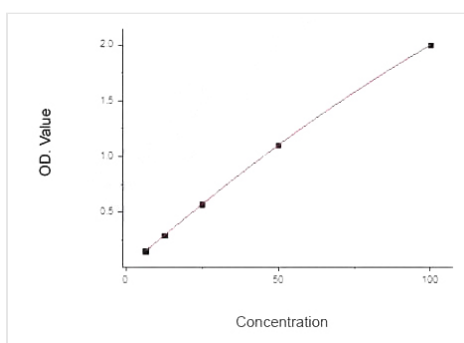
PRODUCT SYNONYMS

Probable N-Acetyltransferase 8 (NAT8); Human Probable N-Acetyltransferase 8 (NAT8) ELISA Kit; NAT8; CML1; GLA; Hcml1; TSC501; TSC510; N-acetyltransferase 8; N-acetyltransferase 8 (camello like); camello-like protein 1; kidney-and liver-specific gene product; NAT8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Probable N-acetyltransferase 8 (NAT8) ELISA Kit has high sensitivity and excellent specificity for detection of Human NAT8. No significant cross-reactivity or interference between Human NAT8 and analogues was observed.
Sequence Length	227
Assay Type	Sandwich
Samples	Human serum, cell culture supernates and other biological fluids
Detection Range	6.25 ng/L - 100 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 NAT8 elisa kit	Background: NAT8, isolated using the differential display method to detect tissue-specific genes, is specifically expressed in kidney and liver. Probable N-acetyltransferase 8 shows aminoacid sequence similarity to N-acetyltransferases. A similar protein in Xenopus affects cell adhesion and gastrulation movements, and may be localized in the secretory pathway. Ahighly similar paralog is found in a cluster with this NAT8. Principle of the Assay: Human Probable N-acetyltransferase 8 (NAT8) ELISA Kit employs a two-site sandwichELISA to quantitate NAT8 in samples. An antibody specific for NAT8 has been pre-coatedonto a microplate. Standards and samples are pipetted into the wells and any NAT8 present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Human NAT8 detection antibody is added to the wells. Following a washto remove any unbound HRP reagent, a Chromogen solution is added to the wells andcolor develops in proportion to the amount of NAT8 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 #	117190517
NCBI GeneID	9027
NCBI Accession #	NP_003951.3
NCBI GenBank Nucleotide #	NP_003951.3
UniProt Accession #	Q9UHE5
NCBI Official Full Name	N-acetyltransferase 8
NCBI Official Synonym Full Names	N-acetyltransferase 8 (putative)
NCBI Official Symbol	NAT8
NCBI Official Synonym Symbols	GLA; CML1; CCNAT; Hcml1; ATase2; TSC501; TSC510
NCBI Protein Information	N-acetyltransferase 8
UniProt Protein Name	N-acetyltransferase 8
UniProt Gene Name	NAT8
UniProt Synonym Gene Names	ATase2; CCNAT

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.