

Human NUDT3 (Diphosphoinositol polyphosphate phosphohydrolase 1) ELISA Kit | NUDT3 elisa kit

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CATALOG # AAA249573	REACTIVITY Human
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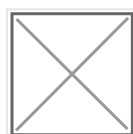
PRODUCT SYNONYMS

NUDT3 (Diphosphoinositol polyphosphate phosphohydrolase 1); Human NUDT3 (Diphosphoinositol polyphosphate phosphohydrolase 1) ELISA Kit; Diphosphoinositol polyphosphate phosphohydrolase 1; DIPP-1; Diadenosine 5'; 5'''-P1; P6; hexaphosphate hydrolase 1; Nucleoside diphosphate-linked moiety X motif 3; Nudix motif 3; DIPP; DIPP1; NUDT3; NUDT3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of NUDT3. No significant cross-reactivity or interference between NUDT3 and analogues was observed.
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NUDT3 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5729804
NCBI GeneID	11165
NCBI Accession #	NP_006694.1
NCBI GenBank Nucleotide #	NM_006703.3
UniProt Accession #	O95989; B2R8N4
Molecular Weight	19,471 Da
NCBI Official Full Name	diphosphoinositol polyphosphate phosphohydrolase 1
NCBI Official Synonym Full Names	nudix (nucleoside diphosphate linked moiety X)-type motif 3
NCBI Official Symbol	NUDT3
NCBI Official Synonym Symbols	DIPP; DIPP1; DIPP-1
NCBI Protein Information	diphosphoinositol polyphosphate phosphohydrolase 1; diadenosine 5',5'''-P1,P6-hexaphosphate hydrolase 1; nucleoside diphosphate-linked moiety X motif 3; nudix motif 3
UniProt Protein Name	Diphosphoinositol polyphosphate phosphohydrolase 1
UniProt Gene Name	NUDT3
UniProt Synonym Gene Names	DIPP; DIPP1; DIPP-1; Nudix motif 3
UniProt Entry Name	NUDT3_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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/nudt3-diphosphoinositol-polyphosphate-phosphohydrolase-1/249573>