

Human Thiopurine methyltransferase (TPMT) ELISA Kit | TPMT elisa kit

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CATALOG #
AAA123735

REACTIVITY
Human

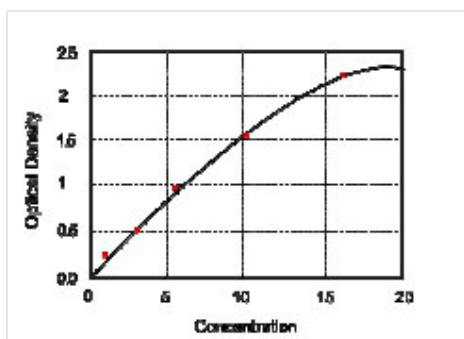
PRODUCT SYNONYMS

Thiopurine methyltransferase (TPMT); Human Thiopurine methyltransferase (TPMT) ELISA Kit; TPMT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	245
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 15ng/ml
Sensitivity	0.018ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TPMT elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of human Thiopurine methyltransferase (also known as TPMT) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human TPMT antibody. TPMT present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human TPMT Antibody is added and binds to TPMT in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated TPMT antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human TPMT. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1098385820
NCBI GeneID	7172
NCBI GenBank Nucleotide #	NP_001333746.1
UniProt Accession #	P51580
NCBI Official Full Name	thiopurine S-methyltransferase isoform 1
NCBI Official Synonym Full Names	thiopurine S-methyltransferase
NCBI Official Symbol	TPMT
NCBI Official Synonym Symbols	TPMTD
NCBI Protein Information	thiopurine S-methyltransferase
UniProt Protein Name	Thiopurine S-methyltransferase
UniProt Gene Name	TPMT
UniProt Entry Name	TPMT_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/thiopurine-methyltransferase-tpmt/123735>