

Human Dihydropyrimidine Dehydrogenase, DPYD ELISA Kit | DPYD elisa kit

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CATALOG #
AAA41357

REACTIVITY
Human

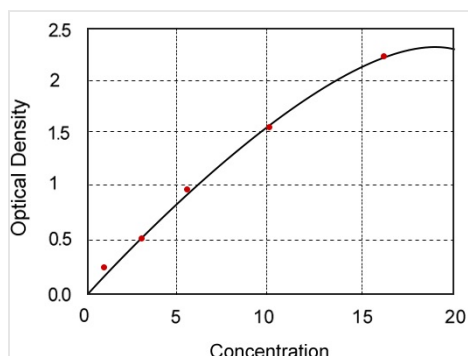
PRODUCT SYNONYMS

Dihydropyrimidine Dehydrogenase; DPYD; Human Dihydropyrimidine Dehydrogenase; DPYD ELISA Kit; DPYD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1025
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	2ng/ml - 150ng/ml
Sensitivity	1.22ng/ml
Intra-Assay	CV<8%
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 DPYD elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Dihydropyrimidine Dehydrogenase (also known as DPYD) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human DPYD antibody. DPYD present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human DPYD Antibody is added and binds to DPYD in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated DPYD 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 DPYD. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	693912
NCBI GeneID	1806
UniProt Accession #	Q12882; Q16694; Q16761; Q32NB0; Q96HL6; Q96TH1; A2RRQ2; A2RRQ3; A8K5A2; A8MWG9; B1AN21; E9PFN1
Molecular Weight	18,936 Da
NCBI Official Full Name	dihydropyrimidine dehydrogenase
NCBI Official Synonym Full Names	dihydropyrimidine dehydrogenase
NCBI Official Symbol	DPYD
NCBI Official Synonym Symbols	DHP; DPD; DHPDHASE
NCBI Protein Information	dihydropyrimidine dehydrogenase [NADP(+)]
UniProt Protein Name	Dihydropyrimidine dehydrogenase [NADP(+)]
UniProt Gene Name	DPYD
UniProt Synonym Gene Names	DHPDHase; DPD

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/dihydropyrimidine-dehydrogenase-dpyd/41357>