

Human DPD ELISA Kit | DPD elisa kit

Human DPD (Deoxyypyridinoline) ELISA Kit

CATALOG #
AAA165136

REACTIVITY
Human

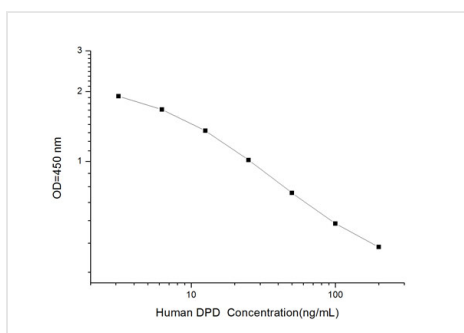
PRODUCT SYNONYMS

DPD; Human DPD (Deoxyypyridinoline) ELISA Kit; DPD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human DPD. No significant cross-reactivity or interference between Human DPD and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human DPD and all the analogues, therefore, cross reaction may still exist.
Sequence Length	1025
Samples	Serum, Plasma, Biological Fluids
Assay Type	Competitive
Detection Range	3.125-200ng/mL
Sensitivity	Min: 1.875ng/mL; Max: 200ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DPD elisa kit	Description: The kit is a competitive enzyme immunoassay for in vitro quantitative measurement of DPD in human serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with Human DPD. During the reaction, Human DPD in the sample or standard competes with a fixed amount of Human DPD on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Human DPD. Excess conjugate and unbound sample or standard are washed from the plate, and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Human DPD in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13591940
NCBI GeneID	81656
NCBI Accession #	NP_112289.1
NCBI GenBank Nucleotide #	NM_031027.1
UniProt Accession #	O89000
Molecular Weight	111,468 Da
NCBI Official Full Name	dihydropyrimidine dehydrogenase
NCBI Official Synonym Full Names	dihydropyrimidine dehydrogenase
NCBI Official Symbol	Dpyd
NCBI Protein Information	dihydropyrimidine dehydrogenase [NADP(+)]; dihydropyrimidine dehydrogenase [NADP(+)]; DHPDHase; DPD; dihydrothymine dehydrogenase; dihydrouracil dehydrogenase
UniProt Protein Name	Dihydropyrimidine dehydrogenase [NADP(+)]
UniProt Gene Name	Dpyd
UniProt Synonym Gene Names	DPD; DHPDHase; DPD
UniProt Entry Name	DPYD_RAT

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/dpd/165136>