

Human PDH E1 ELISA Kit | PDH E1 elisa kit

Human PDH E1 (Pyruvate Dehydrogenase E1) ELISA Kit

CATALOG #
AAA164283

REACTIVITY
Human

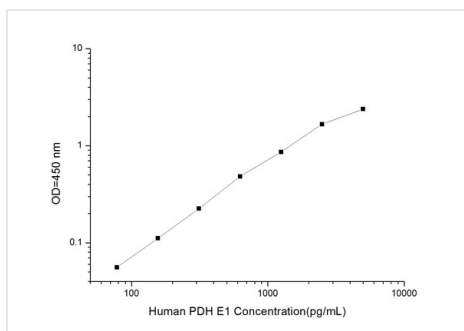
PRODUCT SYNONYMS

PDH E1; Human PDH E1 (Pyruvate Dehydrogenase E1) ELISA Kit; PDH E1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human PDH E1. No significant cross-reactivity or interference between Human PDH E1 and analogues was observed.
Sequence Length	692
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	Min: 18.75pg/mL; Max: 2000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PDH E1 elisa kit	Intended Uses: This ELISA kit applies to the invitro quantitative determination of HumanPDH E1concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to PDH E1. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for PDH E1and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain PDH E1, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of PDH E1.You can calculate the concentration of PDH E1in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	16263771
NCBI GeneID	1236436
NCBI Accession #	NP_436563.1
NCBI GenBank Nucleotide #	NC_003078.1
NCBI Official Full Name	pyruvate dehydrogenase E1 component, subunits alpha and beta
NCBI Official Symbol	pdh
NCBI Protein Information	pyruvate dehydrogenase E1 component, subunits alpha and beta

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/pdh-e1/164283>