

Pyruvate Dehydrogenase (PDH) Assay Kit | PDH assay kit

Pyruvate Dehydrogenase (PDH) Activity Assay Kit

CATALOG #
AAA178115

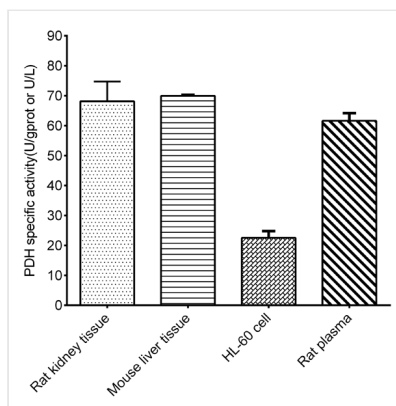
PRODUCT SYNONYMS

Pyruvate Dehydrogenase (PDH); Pyruvate Dehydrogenase (PDH) Activity Assay Kit; PDH assay kit

PRODUCT SPECIFICATIONS

Samples	Serum, plasma, urine, animal tissue and cell samples
Detection Range	0.28-76.23U/L
Sensitivity	0.28U/L
Intra-assay Precision	2
Inter-assay Precision	10
Preparation and Storage	Store at -20 degree C

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for PDH assay kit	Principle of the Assay: Pyruvate dehydrogenase (PDH) catalyzed the oxidative decarboxylation of pyruvate into acetyl CoA, which plays an important role in the metabolism of mitochondrial respiratory chain and is associated with the aging of cancer genes. Pyruvate can be decarboxylated by PDH under the action of CoA. Meanwhile, NAD ⁺ is reduced to NADH, which under the action of hydrogen transmitter, transfer electrons to WST-8 to produce the yellow product. The activity of PDH can be calculated by measuring the change of absorbance value at 450 nm.
Product Categories/Family for PDH assay kit	Metabolism assay kit; Tricarboxylic Acid(TCA) Cycle

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.