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## Product Datasheet

### Human Pyruvate dehydrogenase E1 component subunit beta, mitochondrial (PDHB) ELISA Kit ASC-KTE61265

Article Name	Human Pyruvate dehydrogenase E1 component subunit beta, mitochondrial (PDHB) ELISA Kit
Biozol Catalog Number	ASC-KTE61265
Supplier Catalog Number	KTE61265
Alternative Catalog Number	ASC-KTE61265-48, ASC-KTE61265-96
Manufacturer	Abbkine Scientific
Category	Kits/Assays
Application	ELISA
Species Reactivity	Human
Product Description	This Human Pyruvate dehydrogenase E1 component subunit beta, mitochondrial (PDHB) ELISA Kit employs a two-site sandwich ELISA to quantitate PDHB....
Range	Please inquire
Sensitivity	Please inquire
Tag	PDHB
NCBI	<a href="#">5162</a>
UniProt	<a href="#">P11177</a>
Samples	Cell culture supernatantsSerumPlasmaOther biological fluids

Application Notes

This Human Pyruvate dehydrogenase E1 component subunit beta, mitochondrial (PDHB) ELISA Kit employs a two-site sandwich ELISA to quantitate PDHB in samples. An antibody specific for PDHB has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PDHB present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PDHB is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PDHB bound in the initial step. The color development is stopped and the intensity of the color is measured.