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Product Datasheet

Human Pyruvate dehydrogenase E1 component subunit alpha, somatic form, mitochondrial (PDHA1) ELISA Kit ASC-KTE61266

Article Name	Human Pyruvate dehydrogenase E1 component subunit alpha, somatic form, mitochondrial (PDHA1) ELISA Kit
Biozol Catalog Number	ASC-KTE61266
Supplier Catalog Number	KTE61266
Alternative Catalog Number	ASC-KTE61266-48, ASC-KTE61266-96
Manufacturer	Abbkine Scientific
Category	Kits/Assays
Application	ELISA
Species Reactivity	Human
Product Description	This Human Pyruvate dehydrogenase E1 component subunit alpha, somatic form, mitochondrial (PDHA1) ELISA Kit employs a two-site sandwich ELISA to quantitate PDHA1....
Range	Please inquire
Sensitivity	Please inquire
Tag	PDHA1
NCBI	5160
UniProt	P08559
Samples	Cell culture supernatantsSerumPlasmaOther biological fluids

Application Notes

This Human Pyruvate dehydrogenase E1 component subunit alpha, somatic form, mitochondrial (PDHA1) ELISA Kit employs a two-site sandwich ELISA to quantitate PDHA1 in samples. An antibody specific for PDHA1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PDHA1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PDHA1 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 PDHA1 bound in the initial step. The color development is stopped and the intensity of the color is measured.