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Product Datasheet

Human Proline dehydrogenase 1, mitochondrial (PRODH) ELISA Kit ASC-KTE61134

Article Name	Human Proline dehydrogenase 1, mitochondrial (PRODH) ELISA Kit
Biozol Catalog Number	ASC-KTE61134
Supplier Catalog Number	KTE61134
Alternative Catalog Number	ASC-KTE61134-48, ASC-KTE61134-96
Manufacturer	Abbkine Scientific
Category	Kits/Assays
Application	ELISA
Species Reactivity	Human
Product Description	This Human Proline dehydrogenase 1, mitochondrial (PRODH) ELISA Kit employs a two-site sandwich ELISA to quantitate PRODH....
Range	Please inquire
Sensitivity	Please inquire
Tag	PRODH
NCBI	5625
UniProt	O43272
Samples	Cell culture supernatantsSerumPlasmaOther biological fluids

Application Notes

This Human Proline dehydrogenase 1, mitochondrial (PRODH) ELISA Kit employs a two-site sandwich ELISA to quantitate PRODH in samples. An antibody specific for PRODH has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PRODH present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PRODH 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 PRODH bound in the initial step. The color development is stopped and the intensity of the color is measured.