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Product Datasheet

Human Pyrroline-5-carboxylate reductase 1, mitochondrial (PYCR1) ELISA Kit ASC-KTE61023

Article Name	Human Pyrroline-5-carboxylate reductase 1, mitochondrial (PYCR1) ELISA Kit
Biozol Catalog Number	ASC-KTE61023
Supplier Catalog Number	KTE61023
Alternative Catalog Number	ASC-KTE61023-48, ASC-KTE61023-96
Manufacturer	Abbkine Scientific
Category	Kits/Assays
Application	ELISA
Species Reactivity	Human
Product Description	This Human Pyrroline-5-carboxylate reductase 1, mitochondrial (PYCR1) ELISA Kit employs a two-site sandwich ELISA to quantitate PYCR1....
Range	Please inquire
Sensitivity	Please inquire
Tag	PYCR1
NCBI	5831
UniProt	P32322
Samples	Cell culture supernatantsSerumPlasmaOther biological fluids

Application Notes

This Human Pyrroline-5-carboxylate reductase 1, mitochondrial (PYCR1) ELISA Kit employs a two-site sandwich ELISA to quantitate PYCR1 in samples. An antibody specific for PYCR1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PYCR1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PYCR1 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 PYCR1 bound in the initial step. The color development is stopped and the intensity of the color is measured.