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## Product Datasheet

### Human 6-pyruvoyl tetrahydrobiopterin synthase (PTS) ELISA Kit ASC-KTE61039

Article Name	Human 6-pyruvoyl tetrahydrobiopterin synthase (PTS) ELISA Kit
Biozol Catalog Number	ASC-KTE61039
Supplier Catalog Number	KTE61039
Alternative Catalog Number	ASC-KTE61039-48, ASC-KTE61039-96
Manufacturer	Abbkine Scientific
Category	Kits/Assays
Application	ELISA
Species Reactivity	Human
Product Description	This Human 6-pyruvoyl tetrahydrobiopterin synthase (PTS) ELISA Kit employs a two-site sandwich ELISA to quantitate PTS....
Range	Please inquire
Sensitivity	Please inquire
Tag	PTS
NCBI	<a href="#">5805</a>
UniProt	<a href="#">Q03393</a>
Samples	Cell culture supernatantsSerumPlasmaOther biological fluids

Application Notes

This Human 6-pyruvoyl tetrahydrobiopterin synthase (PTS) ELISA Kit employs a two-site sandwich ELISA to quantitate PTS in samples. An antibody specific for PTS has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PTS present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PTS 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 PTS bound in the initial step. The color development is stopped and the intensity of the color is measured.