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## Product Datasheet

### Rat Tryptophan Hydroxylase (TPH) ELISA Kit ASC-KTE100042

Article Name	Rat Tryptophan Hydroxylase (TPH) ELISA Kit
Biozol Catalog Number	ASC-KTE100042
Supplier Catalog Number	KTE100042
Alternative Catalog Number	ASC-KTE100042-48, ASC-KTE100042-96
Manufacturer	Abbkine Scientific
Category	Kits/Assays
Application	ELISA
Species Reactivity	Rat
Product Description	This Rat Tryptophan Hydroxylase (TPH) ELISA Kit employs a two-site sandwich ELISA to quantitate TPH1....
Range	Please inquire
Sensitivity	Please inquire
Tag	TPH1
NCBI	<a href="#">100009100</a>
UniProt	<a href="#">P17290</a>
Samples	Cell culture supernatantsSerumPlasmaOther biological fluids

Application Notes	<p>This Rat Tryptophan Hydroxylase (TPH) ELISA Kit employs a two-site sandwich ELISA to quantitate TPH1 in samples. An antibody specific for TPH1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TPH1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TPH1 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 TPH1 bound in the initial step. The color development is stopped and the intensity of the color is measured.</p>
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