

# Product Datasheet

## Rat Tryptophan Hydroxylase 1/TPH-1 ELISA Kit (Colorimetric) NBP2-68167

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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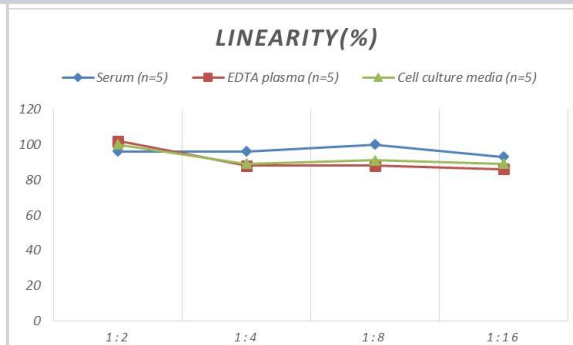
**NBP2-68167****Rat Tryptophan Hydroxylase 1/TPH-1 ELISA Kit (Colorimetric)**

<b>Product Information</b>	
<b>Unit Size</b>	1 Kit
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Storage of components varies. See protocol for specific instructions.
<b>Product Description</b>	
<b>Gene ID</b>	7166
<b>Gene Symbol</b>	TPH1
<b>Species</b>	Rat
<b>Specificity/Sensitivity</b>	This kit recognizes Rat TPH1 in samples. No significant cross-reactivity or interference between Rat TPH1 and analogues was observed.
<b>Kit Components</b>	Micro ELISA Plate (Dismountable), Reference Standard, Concentrated Biotinylated Detection Ab (100x), Concentrated HRP Conjugate (100x), Sample Diluent, Biotinylated Detection Ab Diluent, HRP Conjugate Diluent, Concentrated Wash Buffer (25x), Substrate Reagent, Stop Solution, Plate Sealer, Product Manual
<b>Standard Curve Range</b>	0.31 - 20 ng/mL
<b>Sensitivity</b>	0.19 ng/mL
<b>Inter Assay</b>	CV% < 5.19%
<b>Intra Assay</b>	CV% < 4.91%
<b>Assay Type</b>	Sandwich-ELISA
<b>Spiking Recovery</b>	87-110%
<b>Suitable Sample Type</b>	Serum, plasma and other biological fluids
<b>Sample Volume</b>	100 uL
<b>Product Application Details</b>	
<b>Applications</b>	ELISA
<b>Recommended Dilutions</b>	ELISA

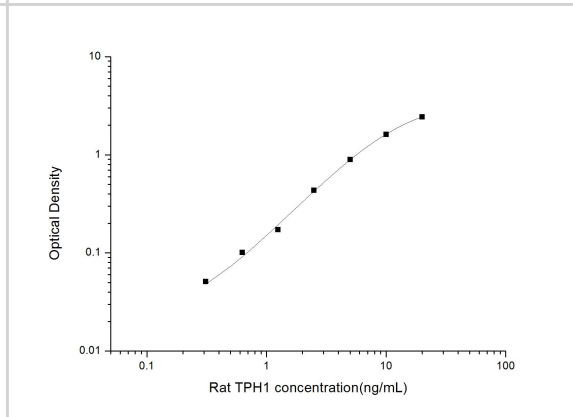


## Images

ELISA: Rat Tryptophan Hydroxylase 1/TPH-1 ELISA Kit (Colorimetric) [NBP2-68167] - Samples were spiked with high concentrations of Rat Tryptophan Hydroxylase 1/TPH-1 and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Rat Tryptophan Hydroxylase 1/TPH-1 ELISA Kit (Colorimetric) [NBP2-68167] - Standard Curve Reference



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**Products Related to NBP2-68167**

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H00007166-P01-10ug	Recombinant Human Tryptophan Hydroxylase 1/TPH-1 GST (N-Term) Protein
NB300-109	Tyrosine Hydroxylase Antibody
NBP1-86922	Tryptophan Hydroxylase 1/TPH-1 Antibody
DBD00	BDNF [HRP]

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**Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. ELISA Kits are guaranteed for 6 months from date of receipt.

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