

Product datasheet for **EA200074**

Human Huntingtin (HTT) ELISA Kit 1 x 96

Product data:

Product Type:	ELISA Kits
Description:	Human Huntingtin (HTT) ELISA Kit 1 x 96
Size:	1 x 96 wells
Format:	8x12 divisible strips
Assay Type:	microplate ELISA
Assay Length:	3.5 hours incubations; 0.5 hour washing and analyzing samples
Signal:	Colorimetric
Curve Range:	0.156-10ng/mL
Sample Type:	Human serum, plasma, cell lysates, tissue homogenates and other biological fluids.
Sample Volume:	100µl
Specificity:	This kit is used for quantitative detection of HTT
Sensitivity:	57pg/mL
Reactivity:	Human
Cross Reactivity:	There is no detectable cross-reactivity with other relevant proteins.
Interference:	No significant interference observed with available related molecules.
Components:	<ul style="list-style-type: none">• HTT Antibody Coated 96-well Plate in foil pouch with desiccant 1 plate• HTT Standard Protein 0.1 mL• HTT Detection Antibody 0.12 mL• 1x SA-HRP Conjugate 0.12 mL• Standard Diluent 10 mL• Assay Buffer 15 mL• Sample Diluent 30 mL• Detection Antibody Diluent 15 mL• Wash Buffer Concentrate 20X 60 mL• TMB Substrate 14 mL• Stop Solution 14 mL



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Background:

Huntingtin (HTT) is the protein coded for in humans by the HTT gene. The function of HTT is not well understood but it is involved in axonal transport. HTT is a scaffolding protein in the ATM oxidative DNA damage response complex. Mutant HTT plays a key role in mitochondrial dysfunction involving the inhibition of mitochondrial electron transport, higher levels of reactive oxygen species and increased oxidative stress. Mutated HTT is the cause of Huntington's disease (HD), and has been investigated for this role and also for its involvement in long-term memory storage.

Gene Symbol:

HTT

Gene ID:

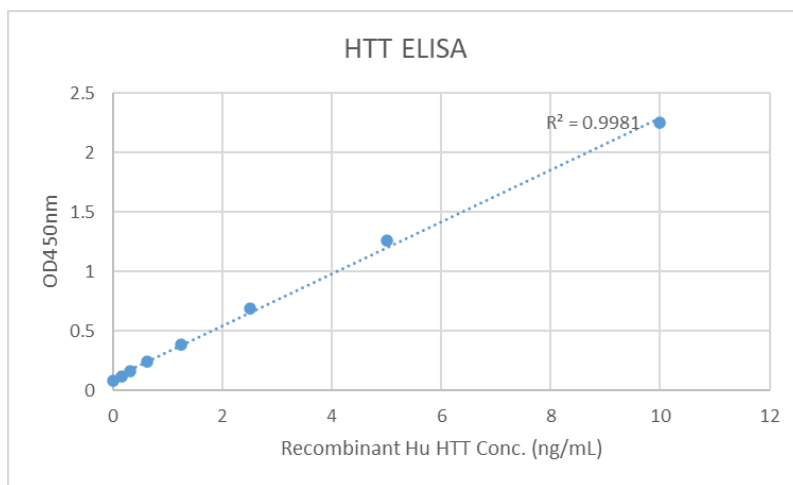
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Standard Curve:

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Data image of Human Huntingtin (HTT) ELISA Kit

Product images:



Data image of Human Huntingtin (HTT) ELISA Kit