

Product datasheet for **EA200013**

Human UCHL1 ELISA Kit 1 x 96

Product data:

Product Type:	ELISA Kits
Description:	Human UCHL1 ELISA Kit 1 x 96
Size:	1 x 96 wells
Format:	8x12 divisible strips
Assay Type:	Sandwich
Assay Length:	4 hours incubations; 30min washing and analyzing samples
Signal:	Colorimetric
Curve Range:	9.38pg/ml-600pg/ml
Sample Type:	Human serum, plasma and cerebrospinal fluids.
Sample Volume:	100µl
Specificity:	This kit is used for quantitative detection of Human UCHL1
Sensitivity:	2.18pg/ml
Reactivity:	Human
Cross Reactivity:	There is no significant cross-reactivity with other relevant proteins.
Interference:	No significant interference observed with available related molecules.
Components:	<ul style="list-style-type: none">● UCHL1 Antibody Coated 96-well Plate in foil pouch with desiccant 1 plate● Recombinant Human UCHL1 Standard (30ng/ml) 0.1 mL● 100x Biotinylated Human UCHL1 Detection Antibody 0.12 mL● 100x Peroxidase Conjugate 0.12 mL● Assay Buffer 15 mL● Detection Antibody Diluent 15 mL● Standard Diluent 10 mL● Sample Diluent1 20 mL● Sample Diluent2 20 mL● Wash Buffer Concentrate 20X 60 mL● TMB Substrate 12 mL● Stop Solution 12 mL



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Background:

Ubiquitin carboxy-terminal hydrolase L1 (UCHL1) is a deubiquitinating enzyme. Expression of UCHL1 is highly specific to neurons and to cells of the diffuse neuroendocrine system and their tumors. It is abundantly present in all neurons, expressed specifically in neurons and testis/ovary. UCHL1 has been proposed as a candidate biomarker for brain injury. Baseline levels of the biomarker UCHL1 measured in cerebrospinal fluid (CSF) are predictive of long-term multiple sclerosis (MS) progression. Recent studies have demonstrated that UCHL1 could be a potential biomarker for multiple sclerosis, amyotrophic lateral sclerosis, Alzheimer's disease, aggressive multiple myeloma and for discriminating the Parkinson's disease.

Gene Symbol:

UCHL1

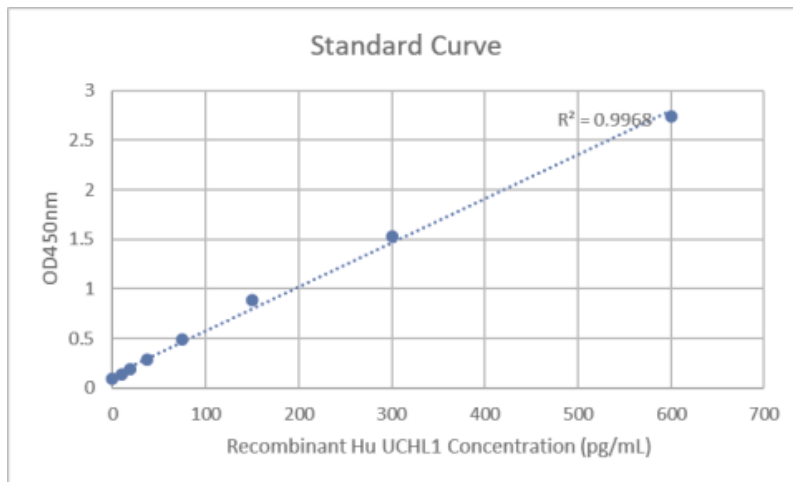
Gene ID:

7345

Standard Curve:

□

Data image of Human UCHL1 ELISA Kit.

Product images:

Data image of Human UCHL1 ELISA Kit.