

ARG81165 UCHL1 ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG81165 UCHL1 ELISA Kit is an Enzyme Immunoassay kit for the quantification of UCHL1 in plasma, serum and CSF.
Tested Reactivity	Hu, Ms, Rat, Chk, Cow, Hrs, Pig
Tested Application	ELISA
Target Name	UCHL1 / PGP9.5
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm
Sample Type	Plasma, serum and CSF.
Standard Range	78.125 - 5000 pg/ml
Sample Volume	50 µl
Alternate Names	PGP95; UCH-L1; PGP9.5; PARK5; Ubiquitin thioesterase L1; HEL-117; Neuron cytoplasmic protein 9.5; Uch-L1; EC 6.-.-.; PGP 9.5; Ubiquitin carboxyl-terminal hydrolase isozyme L1; NDGOA; EC 3.4.19.12

Application Instructions

Assay Time	~ 6 hours
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Properties

Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

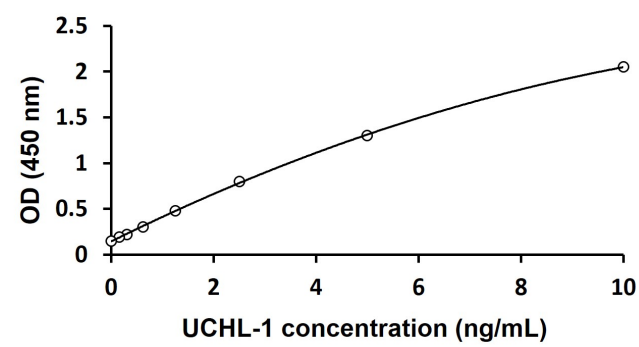
Bioinformation

Gene Symbol	UCHL1
Gene Full Name	ubiquitin carboxyl-terminal esterase L1 (ubiquitin thiolesterase)
Background	The protein encoded by this gene belongs to the peptidase C12 family. This enzyme is a thiol protease that hydrolyzes a peptide bond at the C-terminal glycine of ubiquitin. This gene is specifically expressed in the neurons and in cells of the diffuse neuroendocrine system. Mutations in this gene may be associated with Parkinson disease.[provided by RefSeq, Sep 2009]
Function	Ubiquitin-protein hydrolase involved both in the processing of ubiquitin precursors and of ubiquitinated proteins. This enzyme is a thiol protease that recognizes and hydrolyzes a peptide bond at the C-terminal glycine of ubiquitin. Also binds to free monoubiquitin and may prevent its degradation in lysosomes. The homodimer may have ATP-independent ubiquitin ligase activity. [UniProt]
Highlight	Related products: UCHL1 antibodies: UCHL1 ELISA Kits: New ELISA data calculation tool: Simplify the ELISA analysis by GainData

Calculated Mw24 kDa

PTMO-glycosylated.

Images



ARG81165 UCHL1 ELISA Kit standard curve image

ARG81165 UCHL1 ELISA Kit results of a typical standard run with optical density reading at 450 nm.