Human ubiquitin carboxyl-terminal esterase L1 (ubiquitin thiolesterase) ELISA Kit | UCHL1 elisa kit

Human Protein Gene Product 9.5, PGP 9.5 ELISA Kit

CATALOG #	REACTIVITY
AAA79703	**Human**

PRODUCT SYNONYMS

ubiquitin carboxyl-terminal esterase L1 (ubiquitin thiolesterase); Human Protein Gene Product 9.5; PGP 9.5 ELISA Kit; Human Protein Gene Product 9.5 (PGP 9.5) ELISA Kit; PARK5; PGP9.5; PGP95; Uch-L1; neuron cytoplasmic protein 9.5; ubiquitin C-terminal hydrolase; ubiquitin carboxyl-terminal esterase L1; UCHL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human PGP 9.5. No significant cross-reactivity or interference between human PGP 9.5 and analogues was observed.
Sequence Length	223
Samples	Serum, plasma, tissue homogenates, cerebrospinal fluid (CSF).
Assay Type	Sandwich (Quantitative)
Detection Range	6.25 ng/ml-400 ng/ml.
Sensitivity	1.56 ng/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for UCHL1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for PGP 9.5 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PGP 9.5 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PGP 9.5 is added to the wells. After washing, avidin 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 PGP 9.5 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361091
NCBI GeneID	7345
NCBI Accession #	NP_004172.2
NCBI GenBank Nucleotide #	NM_004181.4
UniProt Accession #	P09936; Q4W5K6; Q71UM0
Molecular Weight	24,824 Da
NCBI Official Full Name	ubiquitin carboxyl-terminal hydrolase isozyme L1
NCBI Official Synonym Full Names	ubiquitin carboxyl-terminal esterase L1 (ubiquitin thiolesterase)
NCBI Official Symbol	UCHL1
NCBI Official Synonym Symbols	NDGOA; PARK5; PGP95; PGP9.5; Uch-L1; HEL-117; PGP 9.5
NCBI Protein Information	ubiquitin carboxyl-terminal hydrolase isozyme L1; ubiquitin thioesterase L1; epididymis luminal protein 117; neuron cytoplasmic protein 9.5; ubiquitin C-terminal hydrolase
UniProt Protein Name	Ubiquitin carboxyl-terminal hydrolase isozyme L1
UniProt Gene Name	**UCHL1**
UniProt Synonym Gene Names	UCH-L1; PGP9.5
UniProt Entry Name	UCHL1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/uchl1-human-elisa-kits/ubiquitin-carboxyl-terminal-esterase-l1-ubiquitin-thiolesterase/79703