

Mouse ATPase, Cu⁺⁺ Transporting Beta Polypeptide (ATP7b) RTU ELISA Kit | ATP7b rtu elisa kit

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CATALOG # AAA69277	REACTIVITY Mouse
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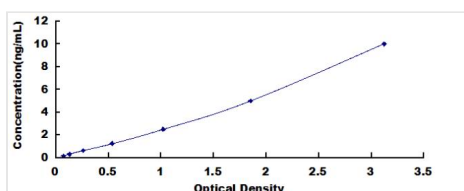
PRODUCT SYNONYMS

ATPase; Cu⁺⁺ Transporting Beta Polypeptide (ATP7b); Mouse ATPase; Cu⁺⁺ Transporting Beta Polypeptide (ATP7b) ELISA Kit; PWD; WC1; WD; WND; Wilson Disease Protein; Copper pump 2; Wilson disease-associated protein; ATP7b rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	1462
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.055ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ATP7b rtu elisa kit	Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ATP7b. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ATP7b. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain ATP7b, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of ATP7b in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	116256507
NCBI GeneID	11979
NCBI Accession #	NP_031537.2
NCBI GenBank Nucleotide #	NM_007511.2
UniProt Accession #	Q64446; B1AQ56
Molecular Weight	157,190 Da
NCBI Official Full Name	copper-transporting ATPase 2
NCBI Official Synonym Full Names	ATPase, Cu++ transporting, beta polypeptide
NCBI Official Symbol	Atp7b
NCBI Official Synonym Symbols	tx; WND; Atp7a
NCBI Protein Information	copper-transporting ATPase 2
UniProt Protein Name	Copper-transporting ATPase 2
UniProt Gene Name	Atp7b
UniProt Synonym Gene Names	Wnd

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.

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Online datasheet: <https://stage.aaabiotech.com/mouse-rtu-elisa-kits/atpase-cu-transporting-beta-polypeptide-atp7b/69277>