

Human AP-1 complex subunit mu-1 ELISA Kit | AP1M1 elisa kit

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CATALOG #
AAA101345

REACTIVITY
Human

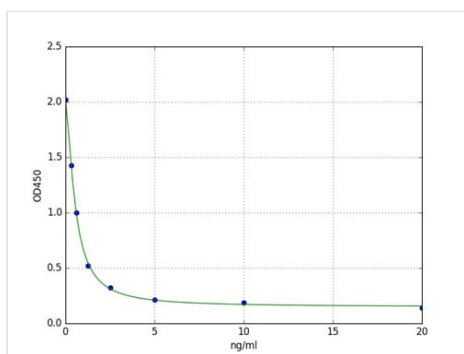
PRODUCT SYNONYMS

AP-1 complex subunit mu-1; Human AP-1 complex subunit mu-1 ELISA Kit; AP1M1/AP-1 complex subunit mu-1/Clathrin coat-associated protein AP47/Clathrin coat assembly protein AP47/Clathrin assembly protein complex 1 medium chain 1/Adaptor-related protein complex 1 mu-1 subunit/Mu1A-adaptin/Mu-adaptin 1/AP-mu chain family member mu1A/Adaptor protein complex AP-1 mu-1 subunit; AP1M1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	435
Assay Type	Competitive ELISA, Coated with Antigen
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human AP1M1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.013	0.051	0.094	0.170	0.335	0.633	1.203	2.111

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AP1M1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human AP1M1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human AP1M1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human AP1M1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human AP1M1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	194473724
NCBI GeneID	8907
NCBI Accession #	NP_001123996.1
NCBI GenBank Nucleotide #	NM_001130524.1
Molecular Weight	49,840 Da
NCBI Official Full Name	AP-1 complex subunit mu-1 isoform 1
NCBI Official Synonym Full Names	adaptor related protein complex 1 mu 1 subunit
NCBI Official Symbol	AP1M1
NCBI Official Synonym Symbols	AP47; CLTNM; MU-1A; CLAPM2
NCBI Protein Information	AP-1 complex subunit mu-1
UniProt Protein Name	AP-1 complex subunit mu-1
UniProt Gene Name	AP1M1
UniProt Synonym Gene Names	CLTNM
UniProt Entry Name	AP1M1_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.

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Online datasheet: <https://stage.aaabiotech.com/ap1m1-human-elisa-kits/ap-1-complex-subunit-mu-1/101345>