

Human NEDD8-activating enzyme E1 catalytic subunit ELISA Kit | UBA3 elisa kit

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CATALOG #
AAA99755

REACTIVITY
Human

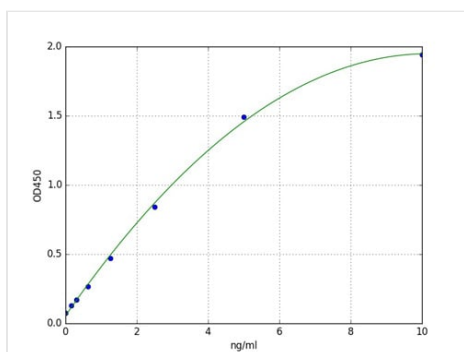
PRODUCT SYNONYMS

NEDD8-activating enzyme E1 catalytic subunit; Human NEDD8-activating enzyme E1 catalytic subunit ELISA Kit; UBA3/NEDD8 E1/APPBP1/NEDD8-activating enzyme E1 catalytic subunit/Ubiquitin-like modifier-activating enzyme 3/Ubiquitin-activating enzyme 3/NEDD8-activating enzyme E1C/Ubiquitin-activating enzyme E1C; UBA3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	449
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/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 UBA3 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	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.102	0.163	0.234	0.266	0.305	0.847	1.388	2.083

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for UBA3 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human UBA3 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human UBA3 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. HRPStreptavidin 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 UBA3 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human UBA3 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	38045944
NCBI GeneID	9039
NCBI Accession #	NP_937838.1
NCBI GenBank Nucleotide #	NM_198195.1
Molecular Weight	50,072 Da
NCBI Official Full Name	NEDD8-activating enzyme E1 catalytic subunit isoform 2
NCBI Official Synonym Full Names	ubiquitin like modifier activating enzyme 3
NCBI Official Symbol	UBA3
NCBI Official Synonym Symbols	NAE2; UBE1C; hUBA3
NCBI Protein Information	NEDD8-activating enzyme E1 catalytic subunit
UniProt Protein Name	NEDD8-activating enzyme E1 catalytic subunit
UniProt Gene Name	UBA3
UniProt Synonym Gene Names	UBE1C; Ubiquitin-activating enzyme 3
UniProt Entry Name	UBA3_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/uba3-human-elisa-kits/nedd8-activating-enzyme-e1-catalytic-subunit/99755>