

Human Furin ELISA Kit | FUR elisa kit

Human Furin ELISA Kit

CATALOG #
AAA101850

REACTIVITY
Human

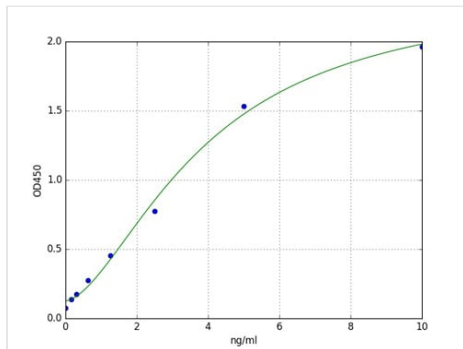
PRODUCT SYNONYMS

Furin; Human Furin ELISA Kit; Furin/FUR; FUR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	794
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/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)

Results of a typical standard run of a human Furin 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	0.036	0.187	0.318	0.576	0.921	1.344	1.702	2.015

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FUR elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #

577019580

NCBI GeneID	5045
NCBI Accession #	NP_001276753.1
NCBI GenBank Nucleotide #	NM_001289824.1
Molecular Weight	86,678 Da
NCBI Official Full Name	furin preproprotein
NCBI Official Synonym Full Names	furin, paired basic amino acid cleaving enzyme
NCBI Official Symbol	FURIN
NCBI Official Synonym Symbols	FUR; PACE; SPC1; PCSK3
NCBI Protein Information	furin
UniProt Protein Name	Furin
UniProt Gene Name	FURIN
UniProt Synonym Gene Names	FUR; PACE; PCSK3; PACE
UniProt Entry Name	FURIN_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/fur-human-elisa-kits/furin/101850>