

Mouse FUR (Furin) ELISA Kit | FUR elisa kit

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CATALOG #
AAA248529

REACTIVITY
Mouse

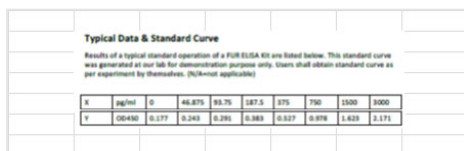
PRODUCT SYNONYMS

FUR (Furin); Mouse FUR (Furin) ELISA Kit; FUR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of FUR . No significant cross-reactivity or interference between FUR and analogues was observed. Note: Limited by current skills and knowledge, it is difficult for us to complete the crossreactivity detection between FUR and all the analogues, therefore, cross reaction may still exist.
Sequence Length	793
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	46.875-3000pg/ml
Sensitivity	28.125pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level FUR were tested 20 times on one plate, respectively. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level FUR were tested on 3 different plates, 8 replicates in each plate. CV (%) = SD/meanX100. Inter-Assay: CV<10%
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)

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-FUR antibody was pre-coated onto 96-well plates. And the biotin conjugated anti- FUR antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed 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 FUR amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of FUR can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	341940726
NCBI GeneID	18550
UniProt Accession #	P23188; Q6GTN6
Molecular Weight	86,772 Da
NCBI Official Full Name	Furin
NCBI Official Synonym Full Names	furin (paired basic amino acid cleaving enzyme)
NCBI Official Symbol	Furin
NCBI Official Synonym Symbols	Fur; PACE; SPC1; Pcsk3; 9130404I01Rik
NCBI Protein Information	furin
UniProt Protein Name	Furin
UniProt Gene Name	Furin
UniProt Synonym Gene Names	Fur; Pcsk3; PACE

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://www.aaabiotech.com/mouse-elisa-kits/fur-furin/248529>