

Mouse Serine protease 29 ELISA Kit | Prss29 elisa kit

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CATALOG #
AAA101749

REACTIVITY
Mouse

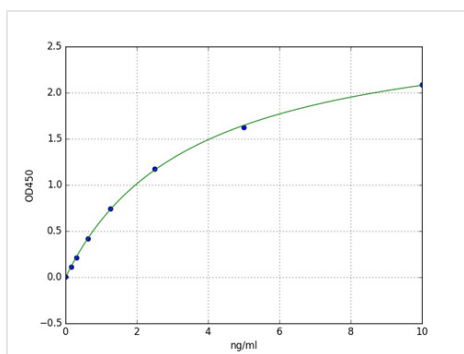
PRODUCT SYNONYMS

Serine protease 29; Mouse Serine protease 29 ELISA Kit; Prss29/lsp2/Tryptase-like proteinase/Strypsin-related protein/Implantation serine proteinase 2/ISP-2/Strypsin-2; Prss29 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	279
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 Mouse Prss29 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	0.013	0.081	0.134	0.233	0.472	0.671	1.583	2.679

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Prss29 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Mouse Prss29 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse Prss29 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 Mouse Prss29 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse Prss29 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	165932352
NCBI GeneID	114662
NCBI Accession #	NP_444490.2
NCBI GenBank Nucleotide #	NM_053260.3
Molecular Weight	30,986 Da
NCBI Official Full Name	serine protease 29
NCBI Official Synonym Full Names	protease, serine 29
NCBI Official Symbol	Prss29
NCBI Official Synonym Symbols	Isp2; D19363; mISP-2
NCBI Protein Information	serine protease 29
UniProt Protein Name	Serine protease 29
UniProt Gene Name	Prss29
UniProt Synonym Gene Names	Isp2; ISP-2
UniProt Entry Name	PRS29_MOUSE

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/prss29-mouse-elisa-kits/serine-protease-29/101749>