Mouse Prion-like protein doppel ELISA Kit | Prnd elisa kit

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CATALOG #	REACTIVITY
AAA98845	**Mouse**

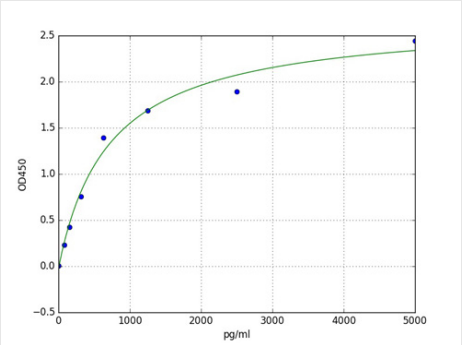
PRODUCT SYNONYMS

Prion-like protein doppel; Mouse Prion-like protein doppel ELISA Kit; Prnd/PRND (Prion-like protein doppel)/DPL/Dublet/PrPLP/Prion protein 2; Prnd elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	176
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/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 Prnd 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	pg/ml	0	78	156	312.5	625	1250	2500	5000
Y	OD450	0.036	0.455	0.743	1.004	1.500	1.939	2.382	2.432

Standard Curve (Sample)

ADDITIONAL INFORMATION

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	34335268

NCBI GeneID	23627
NCBI Accession #	NP_036541.2
NCBI GenBank Nucleotide #	NM_012409.3
Molecular Weight	20,293 Da
NCBI Official Full Name	prion-like protein doppel preproprotein
NCBI Official Synonym Full Names	prion protein 2 (dublet)
NCBI Official Symbol	PRND
NCBI Official Synonym Symbols	DPL; PrPLP; DOPPEL; dJ1068H6.4
NCBI Protein Information	prion-like protein doppel
UniProt Protein Name	Prion-like protein doppel
UniProt Gene Name	**PRND**
UniProt Synonym Gene Names	DPL
UniProt Entry Name	PRND_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://www.aaabiotech.com/prnd-mouse-elisa-kits/prion-like-protein-doppel/98845