

Rat DNA primase large subunit ELISA Kit | Prim2 elisa kit

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CATALOG #
AAA100313

REACTIVITY
Rat

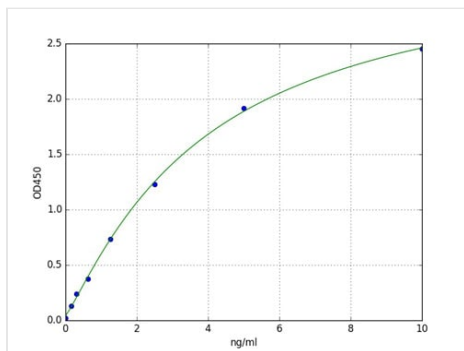
PRODUCT SYNONYMS

DNA primase large subunit; Rat DNA primase large subunit ELISA Kit; Prim2; Prim2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	509
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 Rat Prim2 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	0.108	0.201	0.250	0.462	0.634	1.138	1.732	2.152

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Prim2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat Prim2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat Prim2 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 Rat Prim2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat Prim2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

41349495

NCBI GeneID	5558
NCBI Accession #	NP_000938.2
NCBI GenBank Nucleotide #	NM_000947.4
Molecular Weight	19,144 Da
NCBI Official Full Name	DNA primase large subunit isoform a
NCBI Official Synonym Full Names	primase, DNA, polypeptide 2 (58kDa)
NCBI Official Symbol	PRIM2
NCBI Official Synonym Symbols	p58; PRIM2A
NCBI Protein Information	DNA primase large subunit
UniProt Protein Name	DNA primase large subunit
UniProt Gene Name	PRIM2
UniProt Synonym Gene Names	PRIM2A; p58
UniProt Entry Name	PRI2_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://stage.aaabiotech.com/prim2-rat-elisa-kits/dna-primase-large-subunit/100313>