

Rat D(1A) dopamine receptor ELISA Kit | Drd1 elisa kit

Rat D(1A) dopamine receptor ELISA Kit

CATALOG #
AAA102167

REACTIVITY
Rat

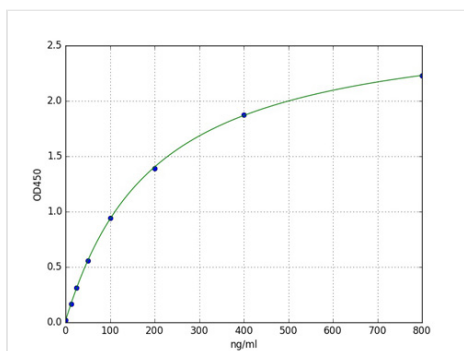
PRODUCT SYNONYMS

D(1A) dopamine receptor; Rat D(1A) dopamine receptor ELISA Kit; Drd1/D1R/DRD1 (Dopamine Receptor D1)/Dopamine D1 receptor; Drd1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	446
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	12.5-800ng/ml
Sensitivity	7.5ng/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 Drd1 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	12.5	25	50	100	200	400	800
Y	OD450	0.036	0.111	0.160	0.247	0.433	0.813	1.419	2.443

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Drd1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat Drd1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat Drd1 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 Drd1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat Drd1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

118228

NCBI GeneID	1812
Molecular Weight	49,293 Da
NCBI Official Full Name	D(1A) dopamine receptor
NCBI Official Synonym Full Names	dopamine receptor D1
NCBI Official Symbol	DRD1
NCBI Official Synonym Symbols	DADR; DRD1A
NCBI Protein Information	D(1A) dopamine receptor
UniProt Protein Name	D(1A) dopamine receptor
UniProt Gene Name	DRD1
UniProt Entry Name	DRD1_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/drd1-rat-elisa-kits/d-1a-dopamine-receptor/102167>