

Mouse D1R ELISA Kit | D1R elisa kit

Mouse D1R (Dopamine D1 receptor) ELISA Kit

CATALOG #
AAA164876

REACTIVITY
Mouse

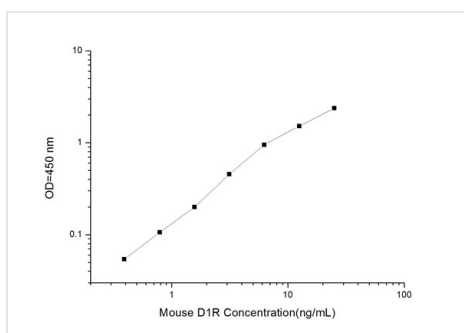
PRODUCT SYNONYMS

D1R; Mouse D1R (Dopamine D1 receptor) ELISA Kit; D1R elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse D1R. No significant cross-reactivity or interference between Mouse D1R and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Mouse D1R and all the analogues, therefore, cross reaction may still exist.
Sequence Length	448
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.391-25ng/mL
Sensitivity	Min: 0.235ng/mL; Max: 25ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for D1R elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of D1R in Mouse serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse D1R. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Mouse D1R and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Mouse D1R, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Mouse D1R. You can calculate the concentration of Mouse D1R in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	312176376
NCBI GeneID	100008915
NCBI Accession #	NP_001185888.1
NCBI GenBank Nucleotide #	NM_001198959.1
NCBI Official Full Name	D(1A) dopamine receptor
NCBI Official Symbol	DRD1
NCBI Official Synonym Symbols	D1R
NCBI Protein Information	D(1A) dopamine receptor; D(1A) dopamine receptor; dopamine D1 receptor

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/mouse-elisa-kits/d1r/164876>