

Rat DRD3 ELISA Kit | DRD3 elisa kit

Rat DRD3 (Dopamine Receptor D3) ELISA Kit

CATALOG #
AAA163602

REACTIVITY
Rat

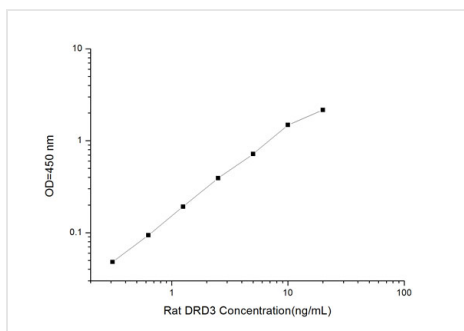
PRODUCT SYNONYMS

DRD3; Rat DRD3 (Dopamine Receptor D3) ELISA Kit; DRD3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat DRD3. No significant cross-reactivity or interference between Rat DRD3 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Rat DRD3 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	400
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.313-20ng/mL
Sensitivity	Min: 0.188ng/mL; Max: 20ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DRD3 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of DRD3 in Rat 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 Rat DRD3. 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 Rat DRD3 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 Rat DRD3, 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 Rat DRD3. You can calculate the concentration of Rat DRD3 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	543173161
NCBI GeneID	1814
NCBI Accession #	NP_001269492.1
NCBI GenBank Nucleotide #	NM_001282563.2
UniProt Accession #	P35462; Q4VBM8; A1A4V5
Molecular Weight	40,760 Da
NCBI Official Full Name	D(3) dopamine receptor isoform a
NCBI Official Synonym Full Names	dopamine receptor D3
NCBI Official Symbol	DRD3
NCBI Official Synonym Symbols	D3DR; ETM1; FET1
NCBI Protein Information	D(3) dopamine receptor; D(3) dopamine receptor; essential tremor 1
UniProt Protein Name	D(3) dopamine receptor
UniProt Gene Name	DRD3
UniProt Entry Name	DRD3_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.

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Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/drd3/163602>