

Rat Dopamine Receptor D4 (DRD4) RTU ELISA Kit | DRD4 rtu elisa kit

Rat Dopamine Receptor D4 (DRD4) ELISA Kit

CATALOG #
AAA70299

REACTIVITY
Rat

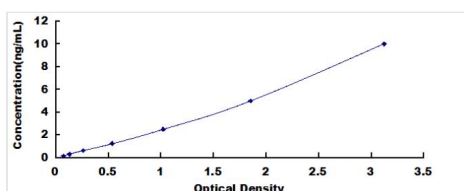
PRODUCT SYNONYMS

Dopamine Receptor D4 (DRD4); Rat Dopamine Receptor D4 (DRD4) ELISA Kit; DR-D4; D4R; D4DR; D(2C) dopamine receptor; DRD4 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	387
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.057ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DRD4 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to DRD4. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to DRD4. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain DRD4, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of DRD4 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

6226851

NCBI GeneID	25432
UniProt Accession #	P30729 ; Q62610
Molecular Weight	41,294 Da
NCBI Official Full Name	D(4) dopamine receptor
NCBI Official Synonym Full Names	dopamine receptor D4
NCBI Official Symbol	Drd4
NCBI Official Synonym Symbols	D4RA
NCBI Protein Information	D(4) dopamine receptor
UniProt Protein Name	D(4) dopamine receptor
UniProt Gene Name	Drd4

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/rat-rtu-elisa-kits/dopamine-receptor-d4-drd4/70299>