

Rat DRD2 (Dopamine Receptor D2) CLIA Kit | DRD2 clia kit

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CATALOG #
AAA170992

REACTIVITY
Rat

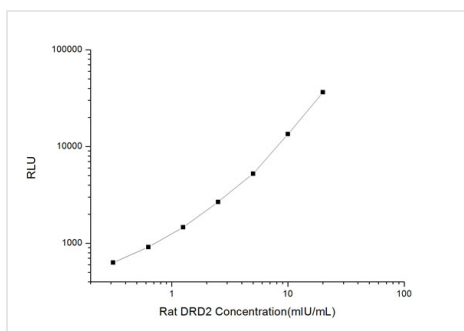
PRODUCT SYNONYMS

DRD2 (Dopamine Receptor D2); Rat DRD2 (Dopamine Receptor D2) CLIA Kit; DRD2 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinant DRD2. No significant cross-reactivity or interference between DRD2 and analogues was observed.
Sequence Length	443
Assay Type	Sandwich
Detection Range	0.313-20mIU/mL
Sensitivity	Min: 0.188mIU/mL; Max: 20mIU/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DRD2 clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of DRD2 concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to DRD2. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for DRD2 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 DRD2, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of DRD2. You can calculate the concentration of DRD2 in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5921480
NCBI GeneID	1813
UniProt Accession #	P14416; Q9NZR3; Q9UPA9
Molecular Weight	50,847 Da
NCBI Official Full Name	dopamine receptor D2
NCBI Official Synonym Full Names	dopamine receptor D2
NCBI Official Symbol	DRD2
NCBI Official Synonym Symbols	D2R; D2DR
NCBI Protein Information	D(2) dopamine receptor
UniProt Protein Name	D(2) dopamine receptor
UniProt Gene Name	DRD2
UniProt Entry Name	DRD2_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-clia-kits/drd2-dopamine-receptor-d2/170992>