

Rat DRD4 (Dopamine Receptor D4) CLIA Kit | DRD4 clia kit

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CATALOG #
AAA170984

REACTIVITY
Rat

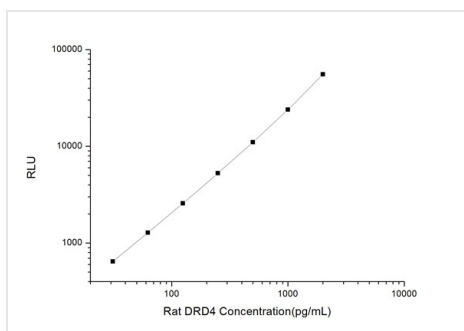
PRODUCT SYNONYMS

DRD4 (Dopamine Receptor D4); Rat DRD4 (Dopamine Receptor D4) CLIA Kit; DRD4 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinant DRD4. No significant cross-reactivity or interference between DRD4 and analogues was observed.
Sequence Length	467
Assay Type	Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	Min: 18.75pg/mL; Max: 2000pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DRD4 clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of DRD4 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 DRD4. 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 DRD4 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 DRD4, 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 DRD4. You can calculate the concentration of DRD4 in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	291946
NCBI GeneID	1815
Molecular Weight	48,361 Da
NCBI Official Full Name	dopamine receptor D4
NCBI Official Synonym Full Names	dopamine receptor D4
NCBI Official Symbol	DRD4
NCBI Official Synonym Symbols	D4DR
NCBI Protein Information	D(4) dopamine receptor
UniProt Protein Name	D(4) dopamine receptor
UniProt Gene Name	DRD4
UniProt Entry Name	DRD4_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/drd4-dopamine-receptor-d4/170984>