

Rat DRD3 (Dopamine Receptor D3) CLIA Kit | DRD3 clia kit

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CATALOG #
AAA171361

REACTIVITY
Rat

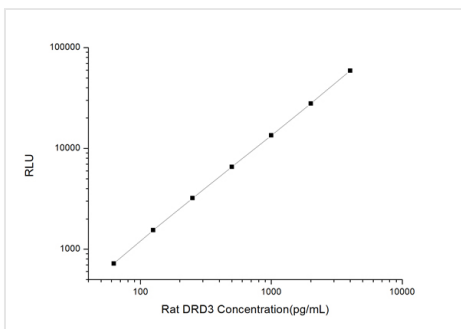
PRODUCT SYNONYMS

DRD3 (Dopamine Receptor D3); Rat DRD3 (Dopamine Receptor D3) CLIA Kit; DRD3 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinant DRD3. No significant cross-reactivity or interference between DRD3 and analogues was observed.
Sequence Length	400
Assay Type	Sandwich
Detection Range	62.5-4000pg/mL
Sensitivity	Min: 37.5pg/mL; Max: 4000pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DRD3 clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of DRD3 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 DRD3. 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 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 DRD3, 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 DRD3. You can calculate the concentration of DRD3 in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	118764187
NCBI GeneID	1814
Molecular Weight	40,760 Da
NCBI Official Full Name	Dopamine receptor D3
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
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-clia-kits/drd3-dopamine-receptor-d3/171361>