

Human DAT (Dopamine Transporter) CLIA Kit | DAT clia kit

Human DAT (Dopamine Transporter) CLIA Kit

CATALOG #
AAA171336

REACTIVITY
Human

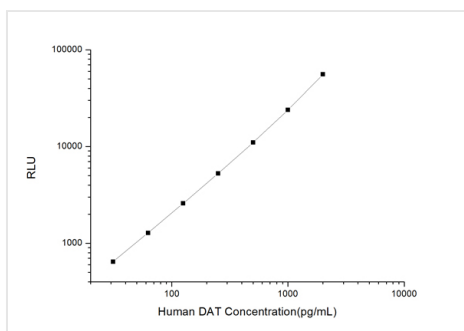
PRODUCT SYNONYMS

DAT (Dopamine Transporter); Human DAT (Dopamine Transporter) CLIA Kit; DAT clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant DAT. No significant cross-reactivity or interference between DAT and analogues was observed.
Sequence Length	620
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 DAT clia kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	7108463
NCBI GeneID	6531
Molecular Weight	68,495 Da
NCBI Official Full Name	dopamine transporter
NCBI Official Synonym Full Names	solute carrier family 6 (neurotransmitter transporter), member 3
NCBI Official Symbol	SLC6A3
NCBI Official Synonym Symbols	DAT; DAT1; PKDYS
NCBI Protein Information	sodium-dependent dopamine transporter
UniProt Protein Name	Sodium-dependent dopamine transporter
UniProt Gene Name	SLC6A3
UniProt Synonym Gene Names	DAT1; DA transporter; DAT
UniProt Entry Name	SC6A3_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-clia-kits/dat-dopamine-transporter/171336>