

Mouse Dopamine Receptor D1 ELISA Kit | DRD1 elisa kit

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CATALOG #
AAA85845

REACTIVITY
Mouse

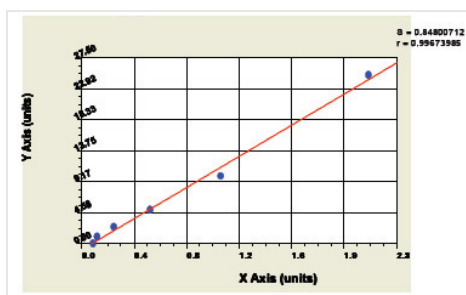
PRODUCT SYNONYMS

Dopamine Receptor D1; Mouse Dopamine Receptor D1 ELISA Kit; DRD1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Sensitivity	0.1 ng/mL.
Intended Uses	This DRD1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse DRD1. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for DRD1 elisa kit

Principle of the Assay: DRD1 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for DRD1. Standards or samples are then added to the microtiter plate wells and DRD1 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of DRD1 present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for DRD1 are added to each well to "sandwich" the DRD1 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain DRD1 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The DRD1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for DRD1 elisa kit

Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	20269979
NCBI GeneID	1812
Molecular Weight	49,293 Da
NCBI Official Full Name	dopamine receptor D1
NCBI Official Synonym Full Names	dopamine receptor D1
NCBI Official Symbol	DRD1
NCBI Official Synonym Symbols	DADR; DRD1A
NCBI Protein Information	D(1A) dopamine receptor; D(1A) dopamine receptor; dopamine D1 receptor
UniProt Protein Name	D(1A) dopamine receptor
UniProt Gene Name	DRD1
UniProt Entry Name	DRD1_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/drd1-mouse-elisa-kits/dopamine-receptor-d1/85845>