

Human Dopamine (DA) ELISA Kit | DA elisa kit

Human Dopamine (DA) ELISA Kit

CATALOG #
AAA31507

REACTIVITY
Human

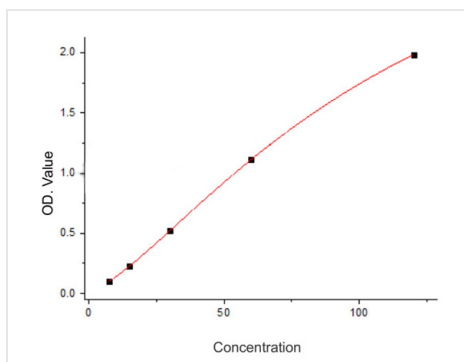
PRODUCT SYNONYMS

Dopamine (DA); Human Dopamine (DA) ELISA Kit; DA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Dopamine (DA) ELISA Kit has high sensitivity and excellent specificity for detection of Human Dopamine (DA) ELISA Kit DA. No significant cross-reactivity or interference between Human Dopamine (DA) ELISA Kit DA and analogues was observed.
Assay Type	Sandwich
Samples	Human Dopamine (DA) ELISA Kit serum, cell culture supernates and other biological fluids
Detection Range	7.5 ng/L - 120 ng/L
Sensitivity	< 0.5 ng/L
Intra-assay Precision	Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%)?9%.
Inter-assay Precision	Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%)?11%.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DA elisa kit	Background: Dopamine (DA) is produced by the brain, can affect a person's mood. Arvid Carlsson's determination of dopamine's role as a messenger in the brain won him the 2000 Nobel Prize in medicine. Dopamine is a neurotransmitter, a chemical that helps cells transmit impulses. This brain hormone is mainly responsible for the eroticism of the brain, which transmits messages of excitement and happiness, and is also associated with addiction. Principle of the Assay: Human Dopamine (DA) ELISA Kit employs a two-site sandwich ELISA to quantitate DA in samples. An antibody specific for DA has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any DA present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Human Dopamine (DA) ELISA Kit DA detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of DA bound in the initial step. The color development is stopped and the intensity of the color is measured.
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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://www.aaabiotech.com/human-elisa-kits/dopamine-da/31507>