

Human Dopamine ELISA Kit | DA elisa kit

Human Dopamine (DA) ELISA Kit

CATALOG #
AAA55875

REACTIVITY
Human

PRODUCT SYNONYMS

Dopamine; Human Dopamine (DA) ELISA Kit; 2-(3; 4-Dihydroxyphenyl)ethylamine; 3; 4-Dihydroxyphenethylamine; 3-Hydroxytyramine; Intropin; Revivan; Oxytyramine; Dopamine Hydrochloride; DA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human DA. No significant cross-reactivity or interference between Human DA and analogues was observed.
Assay Type	Quantitative Competitive
Samples	Serum and plasma and other biological fluids
Detection Range	20 pg/mL - 8000 pg/mL
Sensitivity	10 pg/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for DA elisa kit

Principle of the Assay: This assay employs the competitive enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with goat-anti-rabbit antibody. Standards or samples are added to the appropriate microtiter plate wells with an antibody specific for DA and Horseradish Peroxidase (HRP) conjugated DA. The competitive inhibition reaction is launched between with HRP labeled DA and unlabeled DA with the antibody. A substrate solution is added to the wells and the color develops in opposite to the amount of DA in the sample. The color development is stopped and the intensity of the color is measured.

Intended Uses: For the quantitative detection of Human Dopamine (DA) concentration in serum and plasma and other biological fluids.

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/da-human-elisa-kits/dopamine/55875>