

General DA ELISA Kit | DA elisa kit

DA (Dopamine) ELISA Kit

CATALOG # AAA21556	REACTIVITY General
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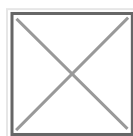
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	General
Specificity	This kit recognizes DA in samples. No significant cross-reactivity or interference between DA and analogues was observed.
Sequence Length	358
Assay Type	Quantitative Competitive
Samples	Serum, plasma and other biological fluids
Detection Range	31.25-2000pg/mL
Sensitivity	18.75pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level DA were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level DA were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DA elisa kit	<p>Principle of the Assay: This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with DA. During the reaction, DA in the sample or standard competes with a fixed amount of DA on the solid phase supporter for sites on the Biotinylated Detection Ab specific to DA. Excess conjugate and unbound sample or standard are washed from the plate, and Avidin conjugated to Horseradish Peroxidase (HRP) are added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of stop solution and the color change is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The concentration of DA in the samples is then determined by comparing the OD of the samples to the standard curve.</p> <p>Intended Uses: This ELISA kit applies to the in vitro quantitative determination of DA concentrations in serum, plasma and other biological fluids.</p>
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NCBI AND UNIPROT INFORMATION

NCBI GI #	557362557
Molecular Weight	39,711 Da
NCBI Official Full Name	da protein, partial
UniProt Protein Name	Da protein
UniProt Gene Name	da
UniProt Entry Name	U5YQB7_SCHMD

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/general-elisa-kits/da/21556>