

Zebrafish DA (Dopamine) ELISA Kit | DA elisa kit

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CATALOG #
AAA28051

REACTIVITY
Zebrafish

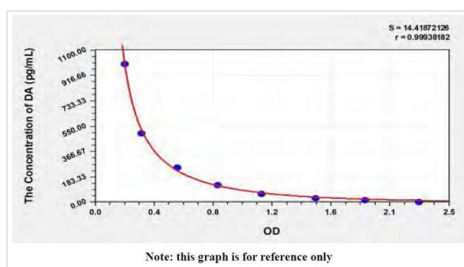
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Zebrafish
Specificity	This assay has high sensitivity and excellent specificity for detection of Zebrafish DA. No significant cross-reactivity or interference between Zebrafish DA and analogues was observed.
Assay Type	Competitive
Detection Range	15.63-1000 pg/mL
Sensitivity	4.71 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay)?CV% < 8%. Three samples of known concentration were tested twenty times on 1 plate to assess intra-assay precision.
Inter-assay Precision	Inter-assay Precision (precision between assays)?CV% < 10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DA elisa kit

Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Zebrafish DA protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Zebrafish DA. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Zebrafish DA in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for DA elisa kit

[Signal transduction](#); [Cardiovascular biology](#); [Reproductive science](#); [Neuroscience](#)

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/fish-zebra-zebrafish-elisa-kits/da-dopamine/28051>