

Fish VTG (Vitellogenin) ELISA Kit | VTG elisa kit

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CATALOG # AAA28040	REACTIVITY Fish
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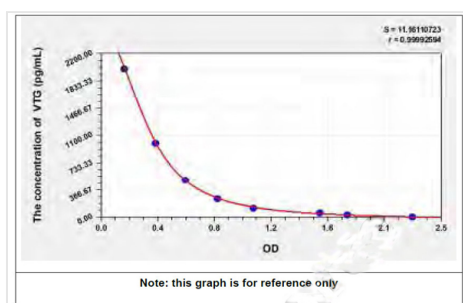
PRODUCT SYNONYMS

VTG (Vitellogenin); Fish VTG (Vitellogenin) ELISA Kit; vtg1; Vitellogenin; VTG;; VTG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Fish
Specificity	This assay has high sensitivity and excellent specificity for detection of Zebrafish VTG. No significant cross-reactivity or interference between Zebrafish VTG and analogues was observed.
Assay Type	Competitive
Detection Range	31.25-2000 pg/mL
Sensitivity	9.34 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.
Preparation and Storage	Store at 2-8 degree C. Stable for 6 months from date of receipt.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VTG 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 VTG protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Zebrafish VTG. 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 $\pm$ 10nm. The concentration of Zebrafish VTG in the samples is then determined by comparing the OD of the samples to the standard curve.
Product Categories/Family for VTG elisa kit	Cancer; leukopenia

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-elisa-kits/vtg-vitellogenin/28040>