

## Zebrafish EPI (Epinephrine) ELISA Kit | EPI elisa kit

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CATALOG #  
AAA277375

REACTIVITY  
Zebrafish

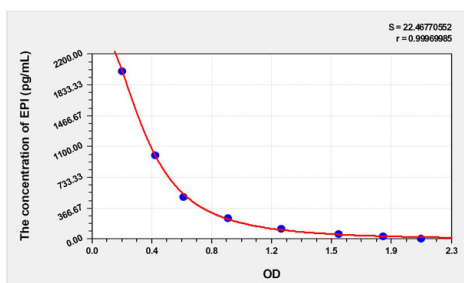
### PRODUCT SYNONYMS

EPI (Epinephrine); Zebrafish EPI (Epinephrine) ELISA Kit; Adrenaline; EPI elisa kit

### PRODUCT SPECIFICATIONS

|                       |                                                                                                                                                                                             |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity            | Zebrafish                                                                                                                                                                                   |
| Specificity           | This assay has high sensitivity and excellent specificity for detection of Zebrafish EPI. No significant cross-reactivity or interference between Zebrafish EPI and analogues was observed. |
| Assay Type            | Competitive                                                                                                                                                                                 |
| Detection Range       | 31.25-2000 pg/mL                                                                                                                                                                            |
| Sensitivity           | 9.74 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 EPI 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 EPI protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Zebrafish EPI. 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 EPI in the samples is then determined by comparing the OD of the samples to the standard curve.

#### Product Categories/Family for EPI elisa kit

Metabolic pathway; Infection immunity; Neuro science; Hormone metabolism

**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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