

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### **Zebrafish Nuclear Factor, Erythroid Derived 2 Like Protein 2 (NFE2L2) ELISA Kit BYT-ORB1291375**

Article Name	Zebrafish Nuclear Factor, Erythroid Derived 2 Like Protein 2 (NFE2L2) ELISA Kit
Biozol Catalog Number	BYT-ORB1291375
Supplier Catalog Number	orb1291375
Alternative Catalog Number	BYT-ORB1291375-48, BYT-ORB1291375-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Zebrafish
Product Description	Zebrafish NFE2L2 (Nuclear Factor, Erythroid Derived 2 Like Protein 2) ELISA Kit...
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.056 ng/mL
Samples	tissue homogenates, cell lysates and other biological fluids

Application Notes

Application Notes: standard: 10 ng/mL. Test principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Zebrafish NFE2L2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Zebrafish NFE2L2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Zebrafish NFE2L2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. 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 NFE2L2 in the samples is then determined by comparing the OD of the samples to the standard curve