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Product Datasheet

General Kynurenic Acid (KYNA) ELISA Kit BYT-ORB1946415

Article Name	General Kynurenic Acid (KYNA) ELISA Kit
Biozol Catalog Number	BYT-ORB1946415
Supplier Catalog Number	orb1946415
Alternative Catalog Number	BYT-ORB1946415-48,BYT-ORB1946415-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	All
Product Description	General Kynurenic Acid (KYNA) ELISA Kit...
Range	1.57-100ng/mL
Sensitivity	1.57ng/mL
Samples	Serum, Urine, Tissue homogenates, Sample volume: 50µL
Target	KYNA

Application Notes

Application Notes: This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with KYNA. During the reaction, KYNA in the sample or standard competes with a fixed amount of KYNA on the solid phase supporter for sites on the Biotinylated Detection Ab specific to KYNA. Excess conjugate and unbound sample or standard are washed away, and Avidin-Horseradish Peroxidase (HRP) conjugate are added to each micro plate 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 turns from blue to yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm \pm 2 nm. The concentration of KYNA in tested samples can be calculated by comparing the OD of the samples to the standard curve