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Product Datasheet

General Kynurenic Acid (KYNA) ELISA Kit BYT-ORB1946415

Artikelname	General Kynurenic Acid (KYNA) ELISA Kit
Artikelnummer	BYT-ORB1946415
Hersteller Artikelnummer	orb1946415
Alternativnummer	BYT-ORB1946415-48,BYT-ORB1946415-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Spezies Reaktivität	All
Produktbeschreibung	General Kynurenic Acid (KYNA) ELISA Kit...
Detektionsbereich	1.57-100ng/mL
Sensitivitaet	1.57ng/mL
Proben	Serum, Urine, Tissue homogenates, Sample volume: 50µL
Target-Kategorie	KYNA

Anwendungsbeschreibung

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