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Product Datasheet

Rat 4-Hydroxynonenal (4-HNE) ELISA Kit BYT-ORB1994917

Artikelname	Rat 4-Hydroxynonenal (4-HNE) ELISA Kit
Artikelnummer	BYT-ORB1994917
Hersteller Artikelnummer	orb1994917
Alternativnummer	BYT-ORB1994917-48, BYT-ORB1994917-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Produktbeschreibung	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 Rat HNE. Standards or samples are added to the appropriate microtiter plate wells then w...
Konzentration	100 ng/mL
Detektionsbereich	1.57-100 ng/mL
Sensitivitaet	0.67 ng/mL
Proben	Serum, plasma, tissue homogenates

Anwendungsbeschreibung

Application Notes: standard: 100 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 Rat HNE. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat HNE. 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 Rat HNE, 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 Rat HNE in the samples is then determined by comparing the OD of the samples to the standard curve