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Product Datasheet

Rat Glutathione S Transferase Alpha 3 (GSTa3) ELISA Kit BYT-ORB777071

Artikelname	Rat Glutathione S Transferase Alpha 3 (GSTa3) ELISA Kit
Artikelnummer	BYT-ORB777071
Hersteller Artikelnummer	orb777071
Alternativnummer	BYT-ORB777071-48, BYT-ORB777071-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
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 Glutathione S Transferase Alpha 3(GSTa3)....
Konzentration	20 ng/mL
Detektionsbereich	0.32-20 ng/mL
Sensitivitaet	0.137 ng/mL
UniProt	P04904
Proben	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung

Application Notes: standard: 20 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 GSTa3. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat GSTa3. 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 GSTa3, 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 GSTa3 in the samples is then determined by comparing the OD of the samples to the standard curve