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Product Datasheet

Rat Lysyl Oxidase (LOX) ELISA Kit BYT-ORB781409

Artikelname	Rat Lysyl Oxidase (LOX) ELISA Kit
Artikelnummer	BYT-ORB781409
Hersteller Artikelnummer	orb781409
Alternativnummer	BYT-ORB781409-48, BYT-ORB781409-96
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 Lysyl Oxidase(LOX)....
Konzentration	40 ng/mL
Detektionsbereich	0.63-40 ng/mL
Sensitivitaet	0.246 ng/mL
UniProt	P16636
Proben	Serum, plasma, tissue homogenates and other biological fluids

Anwendungsbeschreibung

Application Notes: standard: 40 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 LOX. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat LOX. 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 LOX, 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 LOX in the samples is then determined by comparing the OD of the samples to the standard curve