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Product Datasheet

Simian a1AT(Alpha-1-Antitrypsin) ELISA Kit BYT-ORB3126943

Artikelname	Simian a1AT(Alpha-1-Antitrypsin) ELISA Kit
Artikelnummer	BYT-ORB3126943
Hersteller Artikelnummer	orb3126943
Alternativnummer	BYT-ORB3126943-48, BYT-ORB3126943-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Spezies Reaktivität	Primate
Produktbeschreibung	Simian a1AT(Alpha-1-Antitrypsin) ELISA Kit...
Detektionsbereich	31.25-2000 ng/mL
Sensitivitaet	12.7 ng/mL
Proben	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung

Application Notes: 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 Simian a1AT. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Simian a1AT. 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 Simian a1AT, 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 Simian a1AT in the samples is then determined by comparing the OD of the samples to the standard curve