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## Product Datasheet

### Rat Anti-nuclear Antibody (ANA) ELISA Kit BYT-ORB1291294

Artikelname	Rat Anti-nuclear Antibody (ANA) ELISA Kit
Artikelnummer	BYT-ORB1291294
Hersteller Artikelnummer	orb1291294
Alternativnummer	BYT-ORB1291294-48, BYT-ORB1291294-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	Rat
Produktbeschreibung	Rat ANA (anti-nuclear Antibody) ELISA Kit...
Konzentration	100 ng/mL
Detektionsbereich	1.57-100 ng/mL
Sensitivitaet	0.6 ng/mL
Proben	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

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