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## Product Datasheet

### Human Pro-ANP(Pro Atrial Natriuretic Peptide) Microsample ELISA Kit BYT-ORB2997314

Artikelname	Human Pro-ANP(Pro Atrial Natriuretic Peptide) Microsample ELISA Kit
Artikelnummer	BYT-ORB2997314
Hersteller Artikelnummer	orb2997314
Alternativnummer	BYT-ORB2997314-48, BYT-ORB2997314-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Produktbeschreibung	Human Pro-ANP(Pro Atrial Natriuretic Peptide) Microsample ELISA Kit...
Detektionsbereich	0.16-10 ng/mL
Sensitivitaet	0.057 ng/mL
UniProt	<a href="#">P01160</a>
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 Human Pro-ANP. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human Pro-ANP. 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 Human Pro-ANP, 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 Human Pro-ANP in the samples is then determined by comparing the OD of the samples to the standard curve