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## Product Datasheet

### Rat Leptin Receptor (LEPR) ELISA Kit BYT-ORB776415

Artikelname	Rat Leptin Receptor (LEPR) ELISA Kit
Artikelnummer	BYT-ORB776415
Hersteller Artikelnummer	orb776415
Alternativnummer	BYT-ORB776415-48, BYT-ORB776415-96
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 Leptin Receptor(LEPR)....
Konzentration	100 ng/mL
Detektionsbereich	1.57-100 ng/mL
Sensitivitaet	0.67 ng/mL
UniProt	<a href="#">Q62959</a>
Proben	Serum, plasma, tissue homogenates 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 LEPR. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat LEPR. 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 LEPR, 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 LEPR in the samples is then determined by comparing the OD of the samples to the standard curve