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## Product Datasheet

### **Rat Pyruvate dehydrogenase E1 component subunit alpha (PDHA1) ELISA Kit BYT-ORB1947459**

Artikelname	Rat Pyruvate dehydrogenase E1 component subunit alpha (PDHA1) ELISA Kit
Artikelnummer	BYT-ORB1947459
Hersteller Artikelnummer	orb1947459
Alternativnummer	BYT-ORB1947459-48,BYT-ORB1947459-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Produktbeschreibung	Rat Pyruvate dehydrogenase E1 component subunit alpha (PDHA1) ELISA Kit...
Detektionsbereich	0.79-50ng/mL
Sensitivitaet	0.47 ng/mL
Proben	serum, plasma, Tissue homogenate and Other biological samples
Target-Kategorie	PDHA1

Anwendungsbeschreibung

Application Notes: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat PDHA1. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Rat PDHA1 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Rat PDHA1, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm. The OD value is proportional to the concentration of Rat PDHA1. You can calculate the concentration of Rat PDHA1 in the samples by comparing the OD of the samples to the standard curve