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## Product Datasheet

### Rat LpPLA2(Phospholipase A2, Lipoprotein Associated) ELISA Kit EBT-ELK10630

Artikelname	Rat LpPLA2(Phospholipase A2, Lipoprotein Associated) ELISA Kit
Artikelnummer	EBT-ELK10630
Hersteller Artikelnummer	ELK10630
Alternativnummer	EBT-ELK10630-96, EBT-ELK10630-96X5, EBT-ELK10630-48
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Konzentration	200 ng/mL
Detektionsbereich	3.13-200 ng/mL
Sensitivitaet	5.1 pg/mL
Proben	Serum, plasma, tissue homogenates and other biological fluids.

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Enzyme & Kinase, Metabolic pathway, Infection immunity,. 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 LpPLA2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat LpPLA2. 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 LpPLA2, 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 LpPLA2 in the samples is then determined by comparing the OD of the samples to the standard curve