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Product Datasheet

Rat ATG7(Autophagy Related Protein 7) Microsample ELISA Kit EBT-ELK9204MS

Artikelname	Rat ATG7(Autophagy Related Protein 7) Microsample ELISA Kit
Artikelnummer	EBT-ELK9204MS
Hersteller Artikelnummer	ELK9204MS
Alternativnummer	EBT-ELK9204MS-96, EBT-ELK9204MS-48, EBT-ELK9204MS-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Konzentration	10 ng/mL
Detektionsbereich	0.16-10 ng/mL
Sensitivitaet	0.053 ng/mL
UniProt	Q641Y5
Proben	Tissue homogenates, cell lysates and other biological fluids

Anwendungsbeschreibung	Assay Type: Sandwich. Assay length: 3.5h. Research Area: Metabolic pathway,. 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 ATG7. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat ATG7. 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 ATG7, 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 ATG7 in the samples is then determined by comparing the OD of the samples to the standard curve
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