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Product Datasheet

Rat KL-6(Krebs Von den Lungen-6) ELISA Kit EBT-ELK0178

Article Name	Rat KL-6(Krebs Von den Lungen-6) ELISA Kit
Biozol Catalog Number	EBT-ELK0178
Supplier Catalog Number	ELK0178
Alternative Catalog Number	EBT-ELK0178-96, EBT-ELK0178-48, EBT-ELK0178-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	2000 U/mL
Range	31.25-2000 U/mL
Sensitivity	13.44 U/mL
Samples	serum, plasma, tissue homogenates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Interstitial lung disease. 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 KL-6. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat KL-6. 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 KL-6, 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 KL-6 in the samples is then determined by comparing the OD of the samples to the standard curve