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## Product Datasheet

### Rat NGAL(Neutrophil Gelatinase Associated Lipocalin) ELISA Kit EBT-ELK10659

Article Name	Rat NGAL(Neutrophil Gelatinase Associated Lipocalin) ELISA Kit
Biozol Catalog Number	EBT-ELK10659
Supplier Catalog Number	ELK10659
Alternative Catalog Number	EBT-ELK10659-96, EBT-ELK10659-96X5, EBT-ELK10659-48
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	100 ng/mL
Range	1.56-100 ng/mL
Sensitivity	0.33 ng/mL
UniProt	<a href="#">P30152</a>
Samples	serum, plasma, urine, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

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