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## Product Datasheet

### **EasyStep Human NGAL(Neutrophil Gelatinase Associated Lipocalin) ELISA Kit EBT-ELK038ES**

Article Name	EasyStep Human NGAL(Neutrophil Gelatinase Associated Lipocalin) ELISA Kit
Biozol Catalog Number	EBT-ELK038ES
Supplier Catalog Number	ELK038ES
Alternative Catalog Number	EBT-ELK038ES-96, EBT-ELK038ES-48, EBT-ELK038ES-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	1000 pg/mL
Range	15.63-1000 pg/mL
Sensitivity	5.6 pg/mL
UniProt	<a href="#">P80188</a>
Samples	Serum, plasma

#### Application Notes

Assay Type: Sandwich. Assay length: 1.5h. 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 Human NGAL, and the Human NGAL standard plate wells that pre-coated using protein-related techniques are provided separately. Standard/Sample Diluent Buffer or samples are added to the appropriate microtiter plate wells ,then added a HRP-conjugated antibody specific to Human NGAL. After TMB substrate solution is added, only those wells that contain Human NGAL and HRP-conjugated antibody 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 Human NGAL in the samples is then determined by comparing the OD of the samples to the standard curve