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## Product Datasheet

### **EasyStep Human NLRP3(NLR Family, Pyrin Domain Containing Protein 3) ELISA Kit EBT-ELK039ES**

Article Name	EasyStep Human NLRP3(NLR Family, Pyrin Domain Containing Protein 3) ELISA Kit
Biozol Catalog Number	EBT-ELK039ES
Supplier Catalog Number	ELK039ES
Alternative Catalog Number	EBT-ELK039ES-96, EBT-ELK039ES-48, EBT-ELK039ES-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	37 pg/mL
UniProt	<a href="#">D4A523</a>
Samples	Serum, plasma

Application Notes

Assay Type: Sandwich. Assay length: 1.5h. Research Area: Signal transduction,. 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 NLRP3, and the Human NLRP3 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 NLRP3. After TMB substrate solution is added, only those wells that contain Human NLRP3 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 NLRP3 in the samples is then determined by comparing the OD of the samples to the standard curve