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## Product Datasheet

### EasyStep Human HE4(Epididymal protein 4) ELISA Kit EBT-ELK014ES

Article Name	EasyStep Human HE4(Epididymal protein 4) ELISA Kit
Biozol Catalog Number	EBT-ELK014ES
Supplier Catalog Number	ELK014ES
Alternative Catalog Number	EBT-ELK014ES-96, EBT-ELK014ES-48, EBT-ELK014ES-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	160 pg/mL
UniProt	<a href="#">Q14508</a>
Samples	Serum, plasma

Application Notes

Assay Type: Sandwich. Assay length: 1.5h. Research Area: Ovarian cancer. 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 HE4, and the Human HE4 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 HE4. After TMB substrate solution is added, only those wells that contain Human HE4 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 HE4 in the samples is then determined by comparing the OD of the samples to the standard curve