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Product Datasheet

Goat HB(Hemoglobin) ELISA Kit EBT-ELK11125

Article Name	Goat HB(Hemoglobin) ELISA Kit
Biozol Catalog Number	EBT-ELK11125
Supplier Catalog Number	ELK11125
Alternative Catalog Number	EBT-ELK11125-96, EBT-ELK11125-48, EBT-ELK11125-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Goat
Concentration	100 µg/mL
Range	1.56-100 µg/mL
Sensitivity	0.62 µg/mL
Samples	Serum, plasma, erythrocyte lysates.

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Metabolic pathway, Infection immunity, Hematology, Neuro science, . 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 Goat HB. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Goat HB. 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 Goat HB, 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 \pm 10nm. The concentration of Goat HB in the samples is then determined by comparing the OD of the samples to the standard curve