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Product Datasheet

Mouse ABCG5(ATP Binding Cassette Transporter G5) ELISA Kit EBT-ELK9903

Article Name	Mouse ABCG5(ATP Binding Cassette Transporter G5) ELISA Kit
Biozol Catalog Number	EBT-ELK9903
Supplier Catalog Number	ELK9903
Alternative Catalog Number	EBT-ELK9903-96, EBT-ELK9903-48, EBT-ELK9903-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.055 ng/mL
UniProt	Q99PE8
Samples	Tissue homogenates and other biological fluids.

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction, Reproductive 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 Mouse ABCG5. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse ABCG5. 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 Mouse ABCG5, 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 Mouse ABCG5 in the samples is then determined by comparing the OD of the samples to the standard curve