

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### Mouse ADAM17(A Disintegrin And Metalloprotease 17) ELISA Kit EBT-ELK5476

Article Name	Mouse ADAM17(A Disintegrin And Metalloprotease 17) ELISA Kit
Biozol Catalog Number	EBT-ELK5476
Supplier Catalog Number	ELK5476
Alternative Catalog Number	EBT-ELK5476-96, EBT-ELK5476-48, EBT-ELK5476-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.054 ng/mL
UniProt	<a href="#">Q9Z0F8</a>
Samples	tissue homogenates, cell lysates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Enzyme & Kinase, Tumor immunity,. 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 ADAM17. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse ADAM17. 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 ADAM17, 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 ADAM17 in the samples is then determined by comparing the OD of the samples to the standard curve