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Product Datasheet

Human MuRF1(muscle-specific RING-finger protein 1) ELISA Kit EBT-ELK0323

Article Name	Human MuRF1(muscle-specific RING-finger protein 1) ELISA Kit
Biozol Catalog Number	EBT-ELK0323
Supplier Catalog Number	ELK0323
Alternative Catalog Number	EBT-ELK0323-96, EBT-ELK0323-48, EBT-ELK0323-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	800 pg/mL
Range	12.5-800 pg/mL
Sensitivity	3.25 pg/mL
UniProt	Q969Q1
Samples	Serum, plasma, tissue homogenates and other biological fluids.

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Cell Biology. 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 MuRF1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human MuRF1. 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 Human MuRF1, 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 Human MuRF1 in the samples is then determined by comparing the OD of the samples to the standard curve