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Product Datasheet

Human RANk(Receptor Activator Of Nuclear Factor Kappa B) Microsample ELISA Kit EBT-ELK2934MS

Article Name	Human RANk(Receptor Activator Of Nuclear Factor Kappa B) Microsample ELISA Kit
Biozol Catalog Number	EBT-ELK2934MS
Supplier Catalog Number	ELK2934MS
Alternative Catalog Number	EBT-ELK2934MS-96, EBT-ELK2934MS-48, EBT-ELK2934MS-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.059 ng/mL
UniProt	Q9Y6Q6
Samples	Tissue homogenates, cell lysates and other biological fluids

Application Notes

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