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Product Datasheet

Human FOXO3(Forkhead Box Protein O3) ELISA Kit EBT-ELK0180

Artikelname	Human FOXO3(Forkhead Box Protein O3) ELISA Kit
Artikelnummer	EBT-ELK0180
Hersteller Artikelnummer	ELK0180
Alternativnummer	EBT-ELK0180-96, EBT-ELK0180-48, EBT-ELK0180-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Konzentration	1000 pg/mL
Detektionsbereich	15.63-1000 pg/mL
Sensitivitaet	6.74 pg/mL
UniProt	O43524
Proben	serum, plasma, other biological fluids

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction, Tumor immunity, Immune molecule, Developmental science, Autoimmunity, . 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 FOXO3. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human FOXO3. 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 FOXO3, 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 FOXO3 in the samples is then determined by comparing the OD of the samples to the standard curve