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Product Datasheet

Human KARS(Lysyl tRNA Synthetase) ELISA Kit EBT-ELK3180

Artikelname	Human KARS(Lysyl tRNA Synthetase) ELISA Kit
Artikelnummer	EBT-ELK3180
Hersteller Artikelnummer	ELK3180
Alternativnummer	EBT-ELK3180-96, EBT-ELK3180-48, EBT-ELK3180-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Konzentration	20 ng/mL
Detektionsbereich	0.32-20 ng/mL
Sensitivitaet	0.113 ng/mL
UniProt	Q15046
Proben	Serum, plasma, tissue homogenates and other biological fluids

Anwendungsbeschreibung

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