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## Product Datasheet

### Human 5-MTHF(5-Methyltetrahydrofolate) ELISA Kit EBT-ELK0833

Artikelname	Human 5-MTHF(5-Methyltetrahydrofolate) ELISA Kit
Artikelnummer	EBT-ELK0833
Hersteller Artikelnummer	ELK0833
Alternativnummer	EBT-ELK0833-96, EBT-ELK0833-48, EBT-ELK0833-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Konzentration	10 ng/mL
Detektionsbereich	0.16-10 ng/mL
Sensitivitaet	0.059 ng/mL
UniProt	<a href="#">P49914</a>
Proben	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction, Reproductive science, Genetic science, Nutrition 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 5-MTHF. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human 5-MTHF. 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 5-MTHF, 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 5-MTHF in the samples is then determined by comparing the OD of the samples to the standard curve