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## Product Datasheet

### Human Methylenetetrahydrofolate Reductase (MTHFR) ELISA Kit BYT-ORB1947526

Artikelname	Human Methylenetetrahydrofolate Reductase (MTHFR) ELISA Kit
Artikelnummer	BYT-ORB1947526
Hersteller Artikelnummer	orb1947526
Alternativnummer	BYT-ORB1947526-48,BYT-ORB1947526-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Produktbeschreibung	Human Methylenetetrahydrofolate Reductase (MTHFR) ELISA Kit...
Detektionsbereich	78.13-5000pg/mL
Sensitivitaet	46.88 pg/mL
UniProt	<a href="#">P42898</a>
Proben	serum, plasma, Tissue homogenate and Other biological samples
Target-Kategorie	MTHFR

Anwendungsbeschreibung

Application Notes: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human MTHFR. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human MTHFR and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human MTHFR, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm. The OD value is proportional to the concentration of Human MTHFR. You can calculate the concentration of Human MTHFR in the samples by comparing the OD of the samples to the standard curve