

Product Datasheet

Human Holotranscobalamin (Holo TC) ELISA Kit (orb1736604)

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|--------------------------|---|
| Catalog Number | orb1736604 |
| Category | Assays and Kits |
| Description | <p>This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Human Holo TC protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human Holo TC. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of $450\text{nm} \pm 10\text{nm}$. The concentration of Human Holo TC in the samples is then determined by comparing the OD of the samples to the standard curve.</p> |
| Reactivity | Human |
| Concentration | 10 ng/mL |
| Application notes | <p>standard: 10 ng/mL. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Human Holo TC protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human Holo TC. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of $450\text{nm} \pm 10\text{nm}$. The concentration of Human Holo TC in the samples is then determined by comparing the OD of the samples to the standard curve</p> |
| Assay Type | Competitive |

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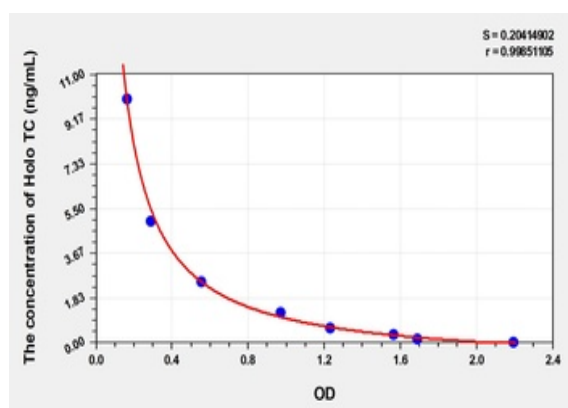
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|------------------------|---|
| Assay Time | 2.5h |
| Range | 0.16-10 ng/mL |
| Sensitivity | 0.045 ng/mL |
| Sample Types | serum, plasma and other biological fluids |
| Note | For research use only |
| Expiration Date | 6 months from date of receipt. |

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