

Product Datasheet

General Glucagon Like Peptide 1 (GLP1) ELISA Kit (orb1088181)

Catalog Number orb1088181

Description This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Glucagon Like Peptide 1 (GLP1) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Glucagon Like Peptide 1 (GLP1). 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 Glucagon Like Peptide 1 (GLP1) in the samples is then determined by comparing the OD of the samples to the standard curve.

Reactivity All

Range 15.63-1000 pg/mL

Concentration 1000 pg/mL

Note For research use only

Application notes standard: 1000 pg/mL. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with GLP1 protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to GLP1. 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 GLP1 in the samples is then determined by comparing the OD of the samples to the standard curve

Sample Types serum, plasma and other biological fluids

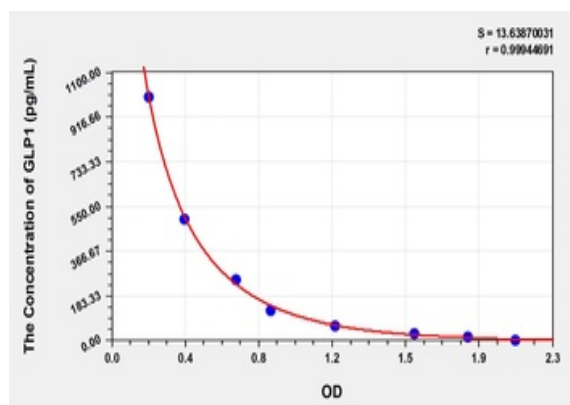
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Assay Time	2.5h
Sensitivity	4.18 pg/mL
Expiration Date	Please enquire.

**Biorbyt Ltd.**

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