

## Product Datasheet

# Human A-GHRL(AcylatedGhrelin) ELISA Kit (orb1146738)

### Description

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 AcylatedGhrelin(A-GHRL). Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to AcylatedGhrelin(A-GHRL). 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 AcylatedGhrelin(A-GHRL), 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  $450\text{nm} \pm 10\text{nm}$ . The concentration of AcylatedGhrelin(A-GHRL) in the samples is then determined by comparing the OD of the samples to the standard curve.

### Reactivity

Human

### Range

15.63-1000 pg/mL

### Concentration

1000 pg/mL

### Note

For research use only

### Application notes

standard: 1000 pg/mL. 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 A-GHRL. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human A-GHRL. 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 A-GHRL, 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  $450\text{nm} \pm 10\text{nm}$ . The concentration of Human A-GHRL in the samples is then determined by comparing the OD of the samples to the standard curve

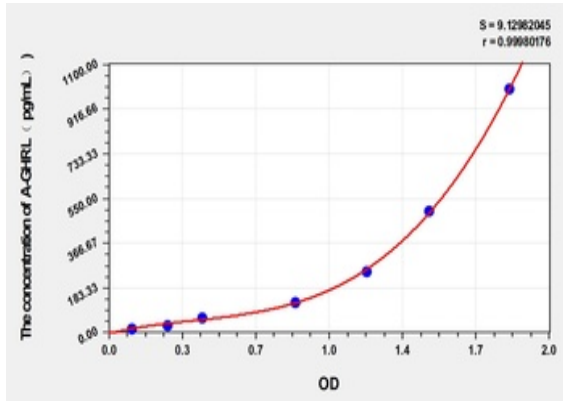
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<b>Sample Types</b>	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
<b>Sensitivity</b>	9.66 pg/mL
<b>Expiration Date</b>	Please enquire.

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