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## Product Datasheet

### Human IAPP(Islet Amyloid Polypeptide) ELISA Kit (orb1946854)

**Description**

Human IAPP(Islet Amyloid Polypeptide)

**Reactivity**

Human

**Range**

62.5-4000pg/mL

**Target**

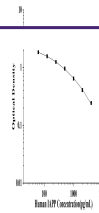
IAPP

**Note**

For research use only

**Application notes**

This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with Human IAPP. During the reaction, Human IAPP in the sample or standard competes with a fixed amount of Human IAPP on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Human IAPP. Excess conjugate and unbound sample or standard are washed away, and Avidin-Horseradish Peroxidase (HRP) conjugate are added to each micro plate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns from blue to yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of  $450 \text{ nm} \pm 2 \text{ nm}$ . The concentration of Human IAPP in tested samples can be calculated by comparing the OD of the samples to the standard curve.


**Sample Types**

serum, plasma, Tissue homogenate and Other biological samples

**Uniprot ID**
[P10997](https://www.uniprot.org/uniprot/P10997)
**Sensitivity**

37.5 pg/mL

**Expiration Date**

Please enquire.