

## Product Datasheet

# Human Interleukin 6 (IL6) EasyStep ELISA Kit (orb1817408)

|                       |  |
|-----------------------|--|
| <b>Catalog Number</b> | orb1817408   |
| <b>Category</b>       | Assays and Kits  |
| <b>Description</b>    | <p>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 IL6, and the Human IL6 standard plate wells that pre-coated using protein-related techniques are provided separately. Standard/Sample Diluent Buffer or samples are added to the appropriate microtiter plate wells ,then added a HRP-conjugated antibody specific to Human IL6. After TMB substrate solution is added, only those wells that contain Human IL6 and HRP-conjugated antibody 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 450nm <math>\pm</math> 10nm. The concentration of Human IL6 in the samples is then determined by comparing the OD of the samples to the standard curve.</p> |
| <b>Reactivity</b>     | Human  |
| <b>Concentration</b>  | 100 pg/mL  |
| <b>UniProt ID</b>     | <b>P05231</b>  |

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**Application notes**

standard: 100 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 IL6, and the Human IL6 standard plate wells that pre-coated using protein-related techniques are provided separately. Standard/Sample Diluent Buffer or samples are added to the appropriate microtiter plate wells ,then added a HRP-conjugated antibody specific to Human IL6. After TMB substrate solution is added, only those wells that contain Human IL6 and HRP-conjugated antibody 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 450nm  $\pm$  10nm. The concentration of Human IL6 in the samples is then determined by comparing the OD of the samples to the standard curve

**Assay Type**

Sandwich

**Assay Time**

1.5 h

**Range**

1.56-100 pg/mL

**Sensitivity**

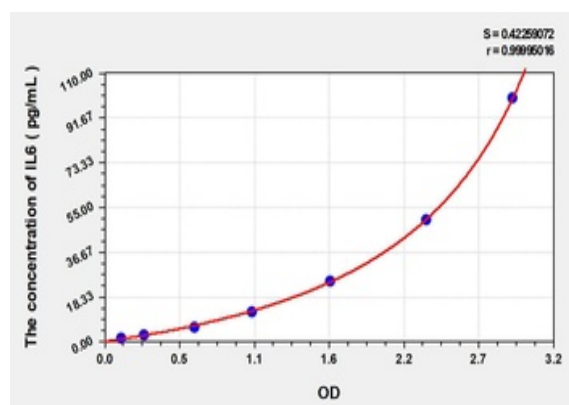
0.1 pg/mL

**Sample Types**

serum, plasma

**Note**

For research use only

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