

## **Product Datasheet**

## Human sIL30(Soluble Interleukin 30) Microsample ELISA Kit (orb2997332)

Catalog Number orb2997332

**Category** Assays and Kits

**Description** Human slL30(Soluble Interleukin 30) Microsample ELISA Kit

**Application notes** 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 sIL30. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human sIL30. 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 sIL30, 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  $450 \, \mathrm{nm} \pm 10 \, \mathrm{nm}$ . The concentration of Human sIL30 in the samples is then determined by comparing

the OD of the samples to the standard curve.

Assay Type Sandwich

**Assay Time** 3.5h

**Range** 7.82-500 pg/mL

**Sensitivity** 3 pg/mL

**Sample Types** Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and

other biological fluids.

**Note** For research use only

**Expiration Date** Please enquire.