

## **Product Datasheet**

## Human Ubiquitin Binding Protein P62 Antibody (Anti-p62) ELISA Kit (orb1736783)

Catalog Number orb1736783

**Category** Assays and Kits

**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 Human Anti-p62. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human Anti-p62. 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 Anti-p62, 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 450nm ± 10nm.

The concentration of Human Anti-p62 in the samples is then determined by

comparing the OD of the samples to the standard curve.

Reactivity Human

**Concentration** 8 ng/mL

**Application notes** standard: 8 ng/mL. Test principle: The test principle applied in this kit is

been pre-coated with an antibody specific to Human Anti-p62. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human Anti-p62. 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 Anti-p62, 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 450nm  $\pm$  10nm. The concentration of Human Anti-p62 in the samples is then determined by comparing the OD of the samples to the standard

Sandwich enzyme immunoassay. The microtiter plate provided in this kit has

curve





**Assay Type** Sandwich

Assay Time 3.5h

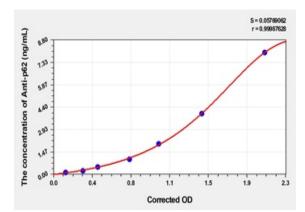
Range 0.13-8 ng/mL

**Sensitivity** 0.049 ng/mL

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

other biological fluids

**Note** For research use only



Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558