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## Product Datasheet

### Mouse bACE1 ELISA Kit (orb777389)

**Description**

The test principle applied in this kit is Sandwich

provided...

**Reactivity**

Mouse

**Range**

31.25-2000 pg/mL

**Tested**

ELISA

**Applications**
**Concentration**

2000 pg/mL

**Note**

For research use only

**Application notes**

Standard: 2000 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 Mouse bACE1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse bACE1. 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 Mouse bACE1, 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 Mouse bACE1 in the samples is then determined by comparing the OD of the samples to the standard curve

**Sample Types**

Serum, plasma, tissue homogenates, cerebrospinal fluid and other biological fluids

**Uniprot ID**

**P56818**

**Sensitivity**

14.1 pg/mL

**Expiration Date**

Please enquire.

