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## Product Datasheet

### Mouse ADM(Adrenomedullin) ELISA Kit (orb1973173)

**Description**

Mouse ADM(Adrenomedullin) ELISA Kit

**Reactivity**

Mouse

**Range**

15.63-1000 pg/mL

**Note**

For research use only

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

**Sample Types**

serum, plasma and other biological fluids

**Sensitivity**

5.29 pg/mL

**Dilution Range**

Intra-assay Precision (Precision within an assay)  $\square$ CV%8% Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Inter-assay Precision (Precision between assays)  $\square$ CV%10% Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.

**Expiration Date**

Please enquire.