
Product Datasheet

Human ADM(Adrenomedullin) ELISA Kit (orb1973174)

Description

Human ADM(Adrenomedullin) ELISA Kit

Reactivity

Human

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

Sample Types

serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Sensitivity

4.91 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.