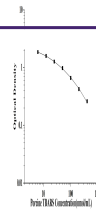

Product Datasheet

Porcine TBARS(Thiobarbituric Acid Reactive Substance) ELISA Kit (orb1946421)

Description

Porcine TBARS(Thiobarbituric Acid)


Reactivity

Porcine

Range

6.25-400 nmol/ml

Target

TBARS

Note

For research use only

Application notes

This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Thiobarbituric Acid Reactive Substance(TBARS) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Thiobarbituric Acid Reactive Substance(TBARS). Next,Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. 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 nm \pm 10 nm. The concentration of Thiobarbituric Acid Reactive Substance(TBARS) 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

3.55 nmol/mL

Expiration Date

Please enquire.