

## Product Datasheet

### Mouse CDKN1A(Cyclin Dependent Kinase Inhibitor 1A) ELISA Kit (orb1948026)

**Description**

Mouse CDKN1A(Cyclin Dependent Kinase


**Reactivity**

Mouse

**Range**

0.16-10ng/mL

**Target**

CDKN1A

**Note**

For research use only

**Application notes**

This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse CDKN1A. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Mouse CDKN1A and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Mouse CDKN1A, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm  $\pm$  2 nm. The OD value is proportional to the concentration of Mouse CDKN1A. You can calculate the concentration of Mouse CDKN1A in the samples by comparing the OD of the samples to the standard curve.

**Sample Types**

serum, plasma, Tissue homogenate and Other biological samples

**Sensitivity**

0.1 ng/mL

**Expiration Date**

Please enquire.