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Mouse NOS3/eNOS (Nitric Oxide Synthase 3, Endothelial) CLIA Kit

Cat #: G-EC-01415

Species: Mouse

Sensitivity: 4.69pg/mL

Type: Sandwich

Range: 7.81~500pg/mL

Detection: Chemiluminescence

Duration: 3.5h

Principle:
This CLIA kit uses the Sandwich-CLIA principle. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to Mouse NOS3/eNOS. Standards or samples are added to the micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Mouse NOS3/eNOS 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 NOS3/eNOS, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of Mouse NOS3/eNOS. You can calculate the concentration of Mouse NOS3/eNOS in the samples by comparing the RLU value of the samples to the standard curve.

Specificity:
This kit recognizes Mouse NOS3/eNOS in samples. No significant cross-reactivity or interference between Mouse NOS3/eNOS and analogues was observed.

UniProt ID:

Gene: NOS3/eNOS

Synonyms: ECNOS, NOS III, E-NOS

Specimen: Serum, plasma and other biological fluids

Application: This CLIA kit applies to the in vitro quantitative determination of Mouse NOS3/eNOS concentrations in Serum, plasma and other bic

Research Areas: Cancer, Cell Biology, Cardiovascular, Metabolism, Neuroscience

Storage:
An unopened kit can be stored at 2-8°C for 1 month. If the kit is not supposed to be used within 1 month, store the items separately according to the storage table in the manual once the kit is received.