

ABG154119: Mouse Glutathione synthetase (GSS) ELISA Kit

Description

Mouse Glutathione synthetase (GSS) ELISA Kit is an ELISA Kit for the in vitro quantitative measurement of Mouse Glutathione synthetase (GSS) concentrations in serum, plasma, tissue homogenates and other biological fluids. This assay has high sensitivity and excellent specificity for detection of Glutathione Synthetase (GSS)

No significant cross-reactivity or interference between Glutathione Synthetase (GSS) and analogues was observed.

Target Glutathione synthetase (GSS)

Reactivity Mouse

Tested Applications ELISA

Recommended dilutions Optimal dilutions/concentrations should be determined by the end user.

Validity The validity for this kit is at least 6 months. Up to 12 months validity can be provided on request.

Stability The stability of the kit is determined by the rate of activity loss. The loss rate is less than 5% within the expiration date under appropriate

Test Range 0.156 ng/ml - 10 ng/ml

Sensitivity < 0.06 ng/ml

Standard Form Lyophilized

Detection Method Colorimetric

Assay Type Sandwich

Assay Data Quantitative

Sample Type Serum, plasma, tissue homogenates and other biological fluids.

Target Type Antigen

Assay Principle This kit is based on sandwich enzyme-linked immuno-sorbent assay technology. An antibody is pre-coated onto a 96-well plate. Standards, test samples, and biotin-conjugated reagent are added to the wells and incubated. The HRP-conjugated reagent is then added, and the whole plate is incubated. Unbound conjugates are removed using wash buffer at each stage. TMB substrate is used to quantify the HRP enzymatic reaction. After TMB substrate is added, only wells that contain sufficient GSS will produce a blue coloured product, which then changes to yellow after adding the acidic stop solution. The intensity of the yellow colour is proportional to the GSS amount bound on the plate. The Optical Density (OD) is measured spectrophotometrically at 450 nm in a microplate reader, from which the concentration of GSS can be calculated.

Product Info

Amount : 96 Tests

Storage condition :

Shipped at 4 °C. Upon receipt, store the kit according to the storage instruction in the kit's manual. To minimize performance fluctuations, operation procedures and lab conditions should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same user throughout.