Corticosterone ELISA Kit for Mouse

PRODUCT OVERVIEW

Product Name	Corticosterone, ELISA Kit
Full Product Name	Mouse Corticosterone ELISA Kit
Species Reactivity	Mouse
Detection Range	3.12-200ng/mL
Sensitivity	1.93ng/mL
Preparation and Storage	An unopened kit can be stored at 2-8 degree C for 1 month unless otherwise specified in the kit documetation. If the kit is not supposed to be used within 1 month, store the components separately upon receipt according to the directions accompanying the kit.
Detection Target	Corticosterone
Related Product Information for Corticosterone elisa kit	Mouse Corticosterone ELISA Kit is a highly sensitive competitive enzyme-linked immunoassay (ELISA) for measuring Corticosterone in serum and plasma. Reagents for up to 96 tests. This ELISA Kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this Kit has been pre-coated with Mouse Corticosterone. During the reaction, Mouse Corticosterone in samples or Standard competes with a fixed amount of Mouse Corticosterone on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Mouse Corticosterone. Excess conjugate and unbound sample or standard are washed from the plate, and Avidin conjugated to Horseradish Peroxidase (HRP) are added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of stop solution and the color change is measured spectrophotometrically at a wavelength of 450 +/- 2 nm. The concentration of Mouse Corticosterone in the samples is then determined by comparing the OD of the samples to the standard curve.
Other Notes	Small volumes of Corticosterone elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Corticosterone purchase	MBS8427336 is a ready-to-use microwell, strip-or-full plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Corticosterone, ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing Corticosterone. The ELISA analytical biochemical technique of the MBS8427336 kit is based on Corticosterone antibody-Corticosterone antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect Corticosterone antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, Corticosterone. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/mouse-elisa-kits/corticosterone/8427336