

Corticosterone Assay Kit

Corticosterone EIA kit

CATALOG #
AAA71802

PRODUCT SYNONYMS

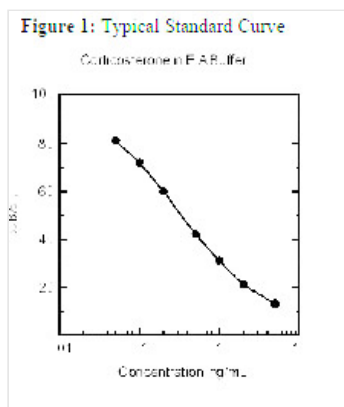
Corticosterone; Corticosterone EIA kit; Corticosterone EIA Kit; Corticosterone assay kit

PRODUCT SPECIFICATIONS

Preparation and Storage

1. Store the components of this kit at the temperatures specified on the labels.
2. Unopened reagents are stable until the indicated kit expiration date.
3. Desiccant bag must remain in foil pouch with unused strips. Keep pouch sealed when not in use to maintain a dry environment. Remove excess air before sealing.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Corticosterone assay kit

Principle of the Assay: This is an ELISA (Enzyme-Linked Immunosorbent Assay) for the quantitative analysis of 6-keto-Prostaglandin F1a levels in biological fluid. This test kit operates on the basis of competition between the enzyme conjugate and the 6-k-PGF1a in the sample for a limited number of binding sites on the antibody coated plate. The sample or standard solution is first added to the microplate. Next, the diluted enzyme conjugate is added and the mixture is shaken and incubated at room temperature for one hour. During the incubation, competition for binding sites is taking place. The plate is then washed removing all the unbound material. The bound enzyme conjugate is detected by the addition of substrate which generates an optimal color after 30 minutes. Quantitative test results may be obtained by measuring and comparing the absorbance reading of the wells of the samples against the standards with a microplate reader at 650 nm. The extent of color development is inversely proportional to the amount of 6-k-PGF1a in the sample or standard. For example, the absence of 6-k-PGF1a in the sample will result in a bright blue color, whereas the presence of 6-k-PGF1a will result in decreased or no color development.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.