

Human Corticosterone ELISA Kit

Corticosterone ELISA

CATALOG #
AAA72619

REACTIVITY
Human

PRODUCT SYNONYMS

Corticosterone; Corticosterone ELISA; Corticosterone elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum or plasma
Assay Type	Quantitative Competitive
Detection Range	1.68 - 240 nmol/L
Sensitivity	0.589 nmol/L
Intra-assay Precision	The within assay variability was determined by measuring each sample 10 times per run (n = 10)
Inter-assay Precision	The between assay variability was determine by measuring each sample 10 times per run for 3 days (n = 30)
Preparation and Storage	2 - 8 degree C

ADDITIONAL INFORMATION

Related Product Information for Corticosterone elisa kit	Intended Uses: The Corticosterone ELISA is an enzyme immunoassay for the quantitative in vitro measurement of Corticosterone in serum and plasma (lithium heparin or citrate plasma). Principle of the Assay: The Corticosterone ELISA Kit is a solid phase enzyme-linked immunosorbent assay (ELISA) based on the principle of competitive binding. The microtiter wells are coated with a polyclonal antibody directed towards a unique antigenic site of the corticosterone molecule. During the first incubation, the corticosterone in the added sample competes for the binding to the coated antibody with the added conjugate molecule, which is a Corticosterone molecule conjugated to a horse-radish pe-oxidase. After incubation, the unbound conjugate and sample are washed off. Following the addition of the substrate solution, the intensity of colour developed is inversely proportional to the concentration of corticosterone in the sample. After incubation of substrate solution, the colorimetric reaction is abruptly stopped by adding stop solution.
Product Categories/Family for Corticosterone elisa kit	Endocrinology; Hormones; Assay Categories

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/corticosterone/72619>