

## Simian Cor (Cortisol) ELISA Kit | SimianCor elisa kit

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CATALOG #  
**AAA277343**

REACTIVITY  
**Simian**

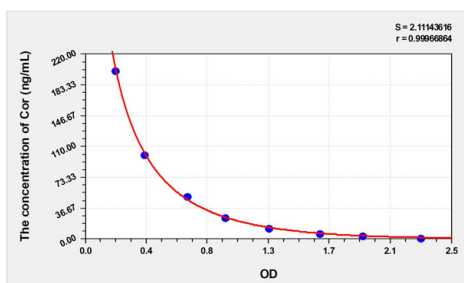
### PRODUCT SYNONYMS

Simian Cor (Cortisol); Simian Cor (Cortisol) ELISA Kit; Hydrocortisone; SimianCor elisa kit

### PRODUCT SPECIFICATIONS

|                       |                                                                                                                                                                                       |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity            | Simian                                                                                                                                                                                |
| Specificity           | This assay has high sensitivity and excellent specificity for detection of Simian Cor. No significant cross-reactivity or interference between Simian Cor and analogues was observed. |
| Assay Type            | Competitive                                                                                                                                                                           |
| Detection Range       | 3.13-200 ng/mL                                                                                                                                                                        |
| Sensitivity           | 1.25 ng/mL                                                                                                                                                                            |
| Intra-assay Precision | Intra-assay Precision (Precision within an assay)? CV% < 8%. Three samples of known concentration were tested twenty times on 1 plate to assess intra-assay precision.                |
| Inter-assay Precision | Inter-assay Precision (precision between assays)? CV% < 10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.               |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for SimianCor elisa kit

Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Simian Cor protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Simian Cor. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm  $\pm$  10nm. The concentration of Simian Cor in the samples is then determined by comparing the OD of the samples to the standard curve.

#### Product Categories/Family for SimianCor elisa kit

Metabolic pathway; Endocrinology; Hormone metabolism

**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.

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Online datasheet: <https://www.aaabiotech.com/simiancor-simian-elisa-kits/simian-cor-cortisol/277343>