



SUNLONG

Date Sheet

FOR RESEARCH USE ONLY !

NOT FOR THERAPEUTIC OR DIAGNOSTIC APPLICATIONS !

PLEASE READ THE PROCEDURE CAREFULLY BEFORE BEGINNING !

Product: General Cortisol ELISA Kit

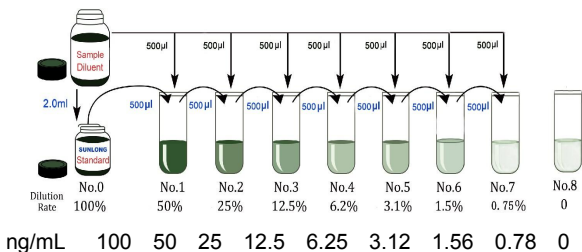
Specificity: Recombinant and natural General Cortisol

Synonyms: Cortisol, hydrocortisone

Catalog No.: E0016Ge

Standard Preparation

Reconstitute the Standard with 2.0 mL of Sample Diluent. This reconstitution produces a stock solution of 100 ng/mL. Allow the standard to sit for a minimum of 15 minutes with gentle agitation prior to making serial dilutions (Making serial dilution in the wells directly is not permitted). Please firstly dilute the stock solution to 50 ng/mL and the diluted standard serves as the high standard (50 ng/mL). The Sample Diluent serves as the zero standard (0 ng/mL). The Sample Diluent serves as the zero standard (0 ng/mL).



Detection Range: 0.78ng/mL-50ng/mL

Sensitivity: less than 0.31ng/mL

Performance Characteristics:

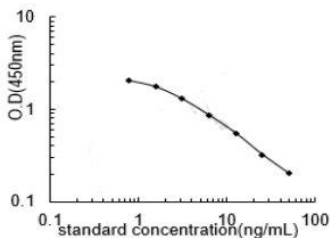
Intra-Assay CV: \leq 4.2%

Inter-Assay CV: \leq 6.7%

Spike Average Recovery:99%

TYPICAL DATA

This graph data is shown as an example.A standard curve must be run for each set of samples assayed.



| ng/mL | Mean O.D. |
|-------|-----------|
| 50 | 0.167 |
| 25 | 0.292 |
| 12.5 | 0.505 |
| 6.25 | 0.833 |
| 3.12 | 1.354 |
| 1.56 | 1.917 |
| 0.78 | 2.4 |
| 0 | 3.092 |

IMPORTANT:Please refer to the supplied protocol for more information before the beginning.



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