



## User's Manual

# 17-Hydroxyprogesterone ELISA Kit

REF

DEIABL241



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This product is for research use only and is not intended for diagnostic use.

For illustrative purposes only. To perform the assay the instructions for use provided with the kit have to be used.

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### Creative Diagnostics

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## PRODUCT INFORMATION

### Intended Use

The 17-Hydroxyprogesterone Immunoassay kit uses a specifically generated antibody to measure 17-Hydroxyprogesterone (17HO-P) and its metabolites in urine and fecal samples, or in extracted serum and plasma.

### Reagents And Materials Provided

1. Coated Clear 96 Well Plates
2. 17-Hydroxyprogesterone Standard
3. 17-Hydroxyprogesterone Antibody
4. 17-Hydroxyprogesterone Conjugate
5. Assay Buffer Concentrate
6. Wash Buffer Concentrate
7. TMB Substrate
8. Stop Solution
9. Plate Sealer

### Storage

4°C

### Precision

Intra Assay Precision %CV: 5.4-7.9

Inter Assay Precision %CV: 6.5-10.6

### Detection Limit

15.4 pg/mL

### Sensitivity

20.3 pg/mL

### Specificity

17- Hydroxyprogesterone 100%

17a -Hydroxypregnanolone 17.4%

Progesterone 0.29

11a -Hydroxyprogesterone 0.08

5a -dihydroprogesterone 0.04

20a -Hydroxyprogesterone < 0.01

Androstendione < 0.01

Cholesterol < 0.01

Corticosterone < 0.01

Cortisol < 0.01

Pregnenolone < 0.01