



17-OH Progesterone ELISA

Steroid Hormones

Competitive enzyme immunoassay for the quantitative determination of 17-OH Progesterone in human serum or plasma.

The steroid 17 Hydroxyprogesterone (17-OH P) is produced by both the adrenal cortex and gonads. It is synthesised from progesterone and serves primarily as a precursor compound that is converted into cortisol in the adrenal gland, or into androgenic and estrogenic steroid hormones in the gonads. 17-OH P is routinely used for the diagnostic assessment of 21-hydroxylase deficiency, which is linked to congenital adrenal hyperplasia.

In adult non-pregnant women, 17-OH P levels in the blood depend on the phase of the menstrual cycle. Like progesterone, 17-OH P is secreted by the mature follicle and the corpus luteum. Concentrations are generally higher after ovulation. Levels of 17-OH P are influenced by daytime rhythms which correlate with the adrenal secretion of cortisol. Maximal levels are found in samples collected between midnight and 8.00 a.m.

Features and benefits

- High sensitivity and reproducible results
- All reagents are supplied ready to use
- Control is included in the kit
- Shelf life more than 18 months
- Excellent correlation with LC/MS

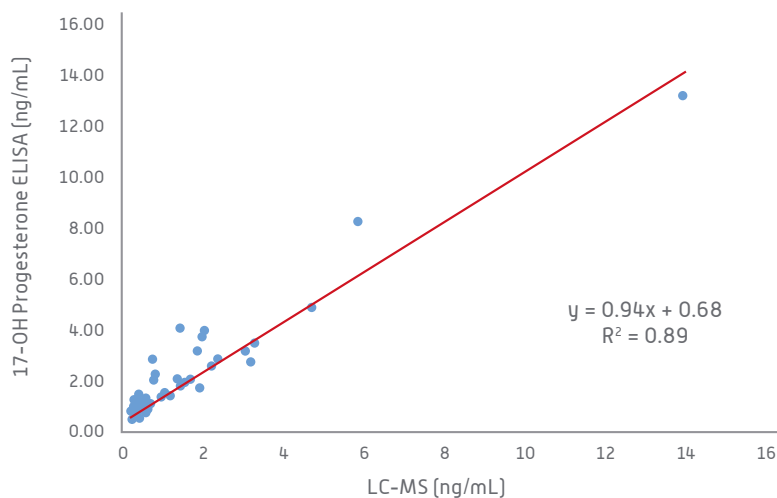
Specifications

Format	ELISA
Calibrators	Ready To Use – 6 vials – 1 mL each – 6 concentration levels
Controls	Ready To Use – 1 vial – 1 mL each
Assay Range	0.2-20 ng/mL
Sensitivity	0.05 ng/mL
Sample Volume	25 µL
Sample Type	Serum / Plasma

Method Comparison

17-OH Progesterone ELISA vs LC-MS

68 samples from healthy patients were assessed with both 17-OH Progesterone ELISA and LC-MS.



Ordering information

Product Name	Description	Code
17-OH Progesterone ELISA	96 Wells	DK0004

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Complementary Products

Product Name	Description	Code
DHEA-S ELISA	96 Wells	DK0005
Androstenedione ELISA	96 wells	DK0008