



LEEUVENHOEK
HEALTH SCREENING



Fertility Health Screening

Trying to conceive?
Curious about your fertility
status?
Worried if you are at risk
of polycystic ovarian
syndrome?
These tests will help you
find the answers.

Package specially
designed to identify
fertility problems
caused by a hormone
imbalance

www.leeuwenhoek.ie

The Fertility health screening measures blood levels of key female hormones such as Estradiol, FSH (Follicle Stimulating Hormone), LH (Luteinizing Hormone), and thyroid hormones. These tests are a relatively easy way of identifying infertility problems in a woman and in many cases, this may be enough to pinpoint the root of the problem.

Please note that these tests are taken on Day 3 of your menstrual cycle. Day 3 is the third day of your period where day 1 is when blood flow, not spotting occurs before 5 pm.

Did you know?...

Undiagnosed and untreated coeliac disease is a main cause of fertility problems (up to 41%). Do you have a family history of coeliac disease, and you are having trouble getting pregnant? If so, do consider coeliac disease health screening additional to these hormones tests.

*The main package we offer measures a comprehensive set of hormones for women.

** Additionally we offer Testosterone testing for both *men* and *women*. Women can opt to combine both packages at a reduced price.

Find out more

Visit www.leeuwenhoek.ie for more info or to book an appointment. Questions? send an e-mail or give us a ring. Also feel free to drop in and we'll gladly answer any question you may have.

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Female Hormone tests (on blood)*

Estradiol (E2) – a form of oestrogen involved in ovulation, conception, and pregnancy. This hormone is produced by the ovary and levels should be low in the early part of the menstrual cycle. High E2 day 3 levels may indicate a cyst in the ovary or diminished ovarian reserve.

Follicle-stimulating hormone (FSH) & Luteinising hormone (LH) - Both produced in the pituitary gland and regulate hormone production in the ovaries. High day 3 FSH levels are associated with diminished ovarian reserve. LH levels are increased before ovulation. If the level of LH is more than double FSH, this may indicate a hormonal imbalance often observed in polycystic ovarian syndrome.

Thyroid-stimulating hormone (TSH) and Free thyroxine (FT4) - used to test for thyroid dysfunction, including underactivity (hypothyroidism) and overactivity (hyper-thyroidism).

Progesterone - measured about 7 days before the expected period (around day 21 of a 28-day menstrual cycle). This level helps to verify normal ovulation.

Female/ Male Hormone tests (on blood)**

Testosterone - measures testosterone that is bound to proteins in the blood (e.g. albumin and sex-hormone binding globulin (SHBG)) as well as testosterone that is free or unbound.



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