



Professional FunctionalDX

Femme Fertility

The Definitive Female Fertility Panel Blood Test

Build a picture of your future fertility...

Women's Fertility Profile

115+ biomarkers including: Anti-Mullerian hormone (AMH), Estradiol, viral and toxic markers, key minerals such as Zinc, Magnesium, Copper and Aluminium, plus comprehensive markers to assess thyroid, blood sugar management and oxidative stress.

Why Take an FDX Femme Fertility Test?

Perhaps you are thinking about having children in the future and are curious about your hormone levels? It could be that you are experiencing irregular menstrual periods and are not sure why? Or maybe you have been struggling to conceive and would like to gain a deeper insight into any imbalances that can impact fertility.

There are many factors which play a role in a woman's ability to ovulate. Not only does this advanced test key fertility markers to check that your hormones are balanced to support the level of ovarian function needed for conception and pregnancy, but it also identifies other health issues which may be negatively impacting your reproductive health.

Femme Fertility is suitable for you if:

- You would like a comprehensive review of your fertility status, whether you are experiencing fertility issues or not
- You are experiencing irregular menstrual cycles
- You wish to get pregnant now or in the future
- You would like to understand your fertility viability, for example ovarian reserves
- You have a condition that have the potential to impact fertility such as PCOS, endometriosis, Diabetes, metabolic conditions, chemical exposure
- You are undergoing IVF and want to maximise a successful outcome

The blood values which make up your unique body chemistry are analysed using advanced FDX algorithms, and our accurate reporting can highlight any imbalances which may be affecting your fertility. Based on these results, you can make dietary, lifestyle or supplementation changes to take actionable steps in boosting your chances of conception.

Femme Fertility Biomarkers include:

- **FSH.** Follicle Stimulating Hormone is produced by the pituitary gland, and in women of childbearing age, it stimulates the growth and maturation of eggs in the ovaries during the follicular phase of the menstrual cycle.
- **LH.** Luteinising Hormone is responsible for ovulation, levels of which are measured in the second half of the menstrual cycle to check that there are no major hormonal imbalances interfering with normal ovary function.
- **Estradiol.** E2 is female sex hormone, produced by the ovaries and the strongest of the three naturally produced oestrogens, essential for reproductive health as it is responsible for ovulation. Levels in women slowly reduce with age and decline significantly at menopause.
- **Anti-Mullerian Hormone.** AMH is a hormone produced by follicles in the ovaries. Levels can indicate how high or low a woman's ovarian reserve is.
- **Thyroglobulin Antibodies.** This biomarker can determine if there is a thyroid autoimmune dysfunction such as Hashimoto's or Graves where the thyroglobulin in the thyroid is attacked. This can negatively affect female fertility.

Key Biomarkers in this test:

Active B12	Cortisol serum am	Prolactin	Total T4
Aluminium serum	DHEA-sulphate	Red cell Folate	Thyroid peroxidase antibody
Anti-Mullerian Hormone	EBV AB's	Magnesium red cell	TSH
Apolipoprotein A1	Estradiol E2	Sex Hormone Binding Globulin	Zinc serum
Apolipoprotein B1	IGF-1	Testosterone Total	
Ceruloplasmin	Parathyroid hormone	Thyroglobulin Abs	
Copper serum	Progesterone	Total T3	

Gain a deeper understanding of your fertility and ability to conceive

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