Nutrifert™

NOURISH **FERTILITY**

eurofins | Genoma

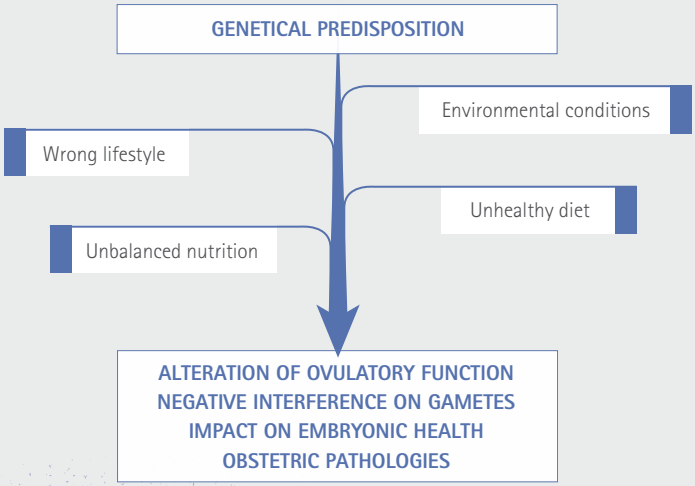
# **FEMALE INFERTILITY**
# IS DUE TO VARIOUS CAUSES:

- **Metabolic**
- **Hormonal**
- **Inflammatory**

Furthermore, the same alterations are at the basis of obstetric pathologies which might have an **impact on the health of the mother and the child**.

## **GENETIC**
## SUSCEPTIBILITY

is the driving factor which predisposes the individual to a **greater risk of developing functional alterations and / or pathologies**.



# Nutrifert™

**Nutrifert is a new test developed in order to promptly identify predisposition to subfertility conditions or obstetrical pathologies.**

The test investigates those traits that have an important role in the reproductive cycle, and that can be regulated with personalized food plans. **Nutrifert is helpful to physicians for prompt and customized patient therapeutic management.**

## *Polymorphisms investigated in NUTRIFERT*

predisposition to:
**OBESITY and OVERWEIGHT CONDITION**

predisposition to:
**GESTATIONAL DIABETES**

predisposition to:
**CELIAC DISEASE**

predisposition to:
**POLYCISTIC OVARY SYNDROME**

predisposition to:
**ENDOMETRIOSIS**

predisposition of:
**MISCARRIAGE**

**FSH receptor mutation**

**Nutrifert**, taken into consideration the polymorphisms that can affect the response to ovarian stimulation, is a valid tool for the ART clinics in order to optimize the ovarian stimulation. **Nutrifert** indeed identifies women Low or Fast responders allowing to consciously modulate the administration of FSH, **avoiding the risk of ovarian hyperstimulation or hypostimulation**.

# Nutrifert™


## WHO

- **Women who are planning a pregnancy.**
- **Women with conception difficulties**

to whom has not been given a diagnosis which is precise or attributable to the reproductive sphere.

**HOW:** A simple buccal swab. The sample can be self-collected.

REPORT IN **7 DAYS** **+ First nutritional advice**

**References**

- Gaskins, A. J. , & Chavarro, J. E. (2018). Diet and fertility: A review. American Journal of Obstetrics and Gynecology, 218(4), 379–389. 10.1016/j.ajog.2017.08.010
- Ma X, Wu L, Wang Y, Han S, El-Dalatony MM, Feng F, Tao Z, Yu L, Wang Y. Diet and human reproductive system: Insight of omics approaches. Food Sci Nutr. 2022
- Mar 21;10(5):1368-1384. doi: 10.1002/fsn3.2708. PMID: 35592285; PMCID: PMC9094499.