bioarray.es

CARRIER PANEL ADVANCE

WHAT IS THE CARRIER PANEL ADVANCE?

The Carrier Panel Advance is a genetic test which examines mutations in 420 genes, including 30 CNVs, which are responsible for recessive and x-linked hereditary pathologies.

WHO IS IT AIMED AT?

1. **The General Public:** Couples with no particular clinical issues in their family medical history who, in a preconceptional context, would like to know their probability of conceiving a child affected by a recessive hereditary disease or disorder.

2. **Couples in which there is consanguinity** and, therefore, a greater risk of conceiving a child with a recessive disease.

3. **People of ethnic backgrounds** in which certain recessive diseases prevail.

4. **Couples which are going to undertake Assisted Reproduction** procedures, in order to complement their diagnostic studies.

5. In Assisted Reproduction Clinics, this test can be used to select the most suitable **sperm/oocyte donors** and reduce the risk of transmitting recessive hereditary diseases.

BIOARRAY ADVANCE EXPANDED

- THE CARRIER PANEL WITH THE GREATEST COMPATIBILITY IN THE MARKET: **420 GENES.**
- **AUTOMATIC INCLUSION OF 30 DELETIONS AND DUPLICATIONS (CNVs)** IN HIGHLY PREVALENT GENES.
- **COMPACT AND HIGHLY DIDACTIC REPORTS** FOR PATIENTS.
- TURNAROUND TIME: **15 DAYS.**

BIOARRAY ADVANCE HIGH FRECUENCY

The Advance High Frequency panel is based on the same 420 genes but the report includes only those genes with the highest frequency (over 1 / 100) and Fragile-X, being ideal for genetic **screening of gamete donors.**

Then in the case of requiring a subsequent donor-recipient matching, the analysis would be carried out with the full information from the 420 genes.

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