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 FREQUENCY

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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