

PGT-A Premium

INCREASES
ACCURACY &
CONFIDENCE FOR
EMBRYO TRANSFER



B I O A R R A Y
Genetic Diagnosis



Parque Científico y Empresarial
de la UMH
Edificio Quorum III
03202 Elche (Alicante)
Spain



+34 966 261 268



info@bioarray.es

bioarray.es

icons:flaticon.com

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The **PGT-A Premium** is our most comprehensive PGT-A test. It allows selecting the most viable embryos obtained in the in vitro fertilization (IVF) procedure, increasing the accuracy and confidence for embryo transfer.

What does the PGT-A Premium allow?

It allows analyzing, in addition to aneuploidies, more than 800 SNPs in the genome. SNP analysis increases the capabilities of the PGT-A,



PGT-A

Allows to select the most viable embryos increasing the chances of IVF success



DETECTION OF HAPLOID OR TRIPLOID EMBRYOS

Allows to recognise 2PN euploid embryos that otherwise would be discarded based on an initial 0PN/1PN/3PN post-fertilization observation.



CONTAMINATION

Detection of maternal DNA contamination which reduces the risk of misdiagnosis



ORIGIN OF ANEUPLOIDY

Determination of maternal or paternal origin of aneuploidies to guide future decisions

What are the benefits?

- Avoid unsuccessful transfer of non-viable aneuploid embryos, increasing the pregnancy rate
- Reduces the miscarriage rate
- Reduces the risk of aneuploid syndromes
- Allows the transfer of a single embryo with great efficiency
- Accurate detection of haploid or triploid embryos
- Avoids the incorrect designation of “mosaic”
- Higher proportion of embryos classified as “euploid”

PGT-A Premium at a glance



Superior Accuracy



Increased number of reported euploid embryos



Powered by artificial intelligence



Better clinical results