NIMGenetics
New Integrated Medical Genetics

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La Suma de Todos
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NIMGenetics is a Genetics Diagnosis center authorized by the Health and Consumer Department for the Community of Madrid, being duly registered under Nº CS10673

CAT-13; Rev 03; 11/11/2020

TrisoNIM®

Non-invasive prenatal screening test

For your wellbeing

NIMGenetics
New Integrated Medical Genetics

Our experience is guaranteed

TrisoNIM® is performed entirely in House by a team specialized in genetic diagnosis during pregnancy, with key members in the Spanish Association of Prenatal Diagnosis and the Spanish Association of Human Genetics.

From week 10
Suitable for pregnant women:

- **Singleton or twin pregnancy***
- **Natural or by IVF**

Twin pregnancy*

- TrisoNIM® Twin modality is restricted to foetal trisomy risk assessment for chromosomes 21 (Down syndrome), 18 (Edwards syndrome), or 13 (Patau syndrome).
- If a Y chromosome is detected, the test cannot determine the foetal sex of each twin.

TrisoNIM®

TrisoNIM® is a genetic test to rule out fetal chromosomal abnormalities, such as Down´s syndrome, without any risk to your pregnancy. This test also informs you, from very early on, of the sex of your baby.

At NIMGenetics, we have developed TrisoNIM® Advance 24 and TrisoNIM® Premium 24, so that you and your doctor can decide which one best fits your pregnancy.

TrisoNIM® analyze all 24 chromosomes:

- Detection of foetal aneuploidies on chromosomes 21, 18 and 13 (Down´s, Edwards and Patau syndromes).
- Information on the most common sexual aneuploidies and on the foetal sex.
- Study of aneuploidies on all chromosomes.
- Microdeletion syndromes:

TrisoNIM® PREMIUM 24 — *Results in 5 days**

TrisoNIM® ADVANCE 24 — *Results in 7 days**

REPORTS ON::

- 1p36
- 5p (Cri du chat)
- 2q33.1
- 1q32-q41
- 10p14-p13 (DiGeorge 2)
- 11q (Jacobsen)
- 16p12.2-11.2

(*):Working days, from the reception of the sample.

TrisoNIM®

The tranquility and security you need during your pregnancy

• Maximum precision and ability

- Performed by ultimate generation massive sequencing.
- Algorithm for the analysis of trisomy 21 with **CE-IVD** marking.
- The prediction of risks and the calculation of fetal fraction are made by means of a **double algorithm**, increasing the accuracy of the analysis:

CHROMOSOMAL ALTERATION	DETECTION CAPACITY	FALSE POSITIVES
T21 (Down´s syndrome)	99,17%	0,05%
T18 (Edwards syndrome)	98,24%	0,05%
T13 (Patau syndrom)	99,99%	0,04%
X0 (Turner´s syndrome)	>95%	-
Detection chromosome Y	>98%	-

Public data: Zhang H et al. Ultrasound Obstet Gynecol 2015;45:530–538

• Avoid unnecessary amniocentesis

TrisoNIM® s the best alternative to amniocentesis*, except in cases with specific biochemical and / or ultrasound alterations.

Those cases with a high-risk result after a fetal DNA test should be confirmed by an invasive test. NIMGenetics offers this confirmation for free with KaryoNIM® Prenatal, a diagnostic test that, from the analysis of amniotic fluid*, allows the examination of 124 syndromes quickly and efficiently.

(*) Amniocentesis or chorionic villus biopsy; both are invasive tests commonly used in prenatal genetic diagnosis and can be supplemented by KaryoNIM® Prenatal.

Your TrisoNIM® step by step

1. Consult your specialist and obtain informed consent.
2. Contact us to get your blood sample drawn.
3. Analysis of the sample and issuance of the
4. See your specialist for post-test advice.

• Certified quality

- The **UNE-EN ISO 15189:2013** accreditation for screening foetal aneuploidies (13, 18, 21, X, and Y chromosomes) and for foetal sex determination in maternal blood by massive sequencing (NGS), and
- The **ISO 9001:2015** accreditation for the provision of analysis services for genetic diagnosis in the pre-analytical, analytical, and post-analytical stages for the specialities of genomics, non-invasive prenatal testing and molecular diagnosis.