nimgenetics®

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nimgenetics®

# *Services catalogue*

*Your partner in genomics*

nimgenetics®

NIMGenetics, founded in 2008, is a Spanish biotechnology multinational specialized in the **design and commercialization of genetic diagnostic products and services** aimed at the healthcare field.

We are a ***one-stop solution*** that supports specialists at all stages of the diagnostic process by providing **comprehensive genetic approaches** and all the pre- and post-testing assistance they could need.

Our broad portfolio of services is mainly aimed at the specialties of:

- Gynecology and obstetrics
- Neurology
- Pediatrics
- Oncology
- Ophthalmology
- Cardiology

Always following strict quality standards in all our products, services and processes, through continuous improvement actions.

ENAC ISO15189 Nº1212/LE2336

ISO 9001 BUREAU VERITAS Certification

GenQA GENOMICS QUALITY ASSESSMENT

We expand the value of our high-performance genomic products and services in the **international market**

**Spain** **Portugal** **Mexico**

## NIMGenetics contact details

Visit us at **www.nimgenetics.com** or contact us for more information about our services at:
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# *Why NIMGenetics?*

1. *Multidisciplinary team*
2. *State of the art technology*
3. *Comprehensive solutions*
4. *International presence*
5. *Commitment to innovation*
6. *Strategic ally*

# The latest technology at the service of diagnostics

At NIMGenetics we organize our services in several areas with specialization in techniques aimed at our patients health. To do this, we develop exclusive genomic products based on two types of technology: microarrays (array CGH) and massive parallel sequencing (NGS).

Pioneers in genome analysis | Personalized advice | High diagnostic yield

## *Clinical genetics*

Wide adaptability to clinical and patient needs, with a high degree of customization and flexibility.

### Next Generation Sequencing (NGS)

We offer different approaches that differ fundamentally in the scope and flexibility of the study, finding among them the selective sequencing of specific genes panels NIMSeq® or the whole exome ExoNIM® (WES, *Whole Exome Sequencing*).

### Array CGH (Array-based Comparative Genomic Hybridization)

NIMGenetics has developed different KaryoNIM® designs, in order to provide tools adapted to different clinical situations. Due to their higher resolution in syndromic regions, all our clinically oriented designs have a more successful diagnostic yield than commercial platforms.

### Other molecular diagnostic techniques

In order to facilitate the approach that best suits our patients, we offer genetic study services based on different cytogenetic and molecular diagnostic techniques, all of which are part of the NIMGenetics portfolio.

## *Medical devices*

NIMGenetics offers healthcare professionals various CE-marked devices to facilitate their clinical routine and diagnostic process.

## *Research and pharmaceutical industry*

We understand research, development and innovation (R+D+i) as one of the pilars of our strategy, which allows us to continuously improve, generating new services and products, thereby minimizing the risk of technological standstill.

# Pregnancy and reproduction

At NIMGenetics we offer our **widest range of genetic studies** with the best, most complete prenatal diagnosis platform, performing genetic risk studies, and hereditary thrombophilia tests.

## TrisoNIM®

Maternal blood fetal DNA test for non-invasive detection of genetic alterations in the fetus.

## KayoNIM® Prenatal

Array-CGH-based platform for the detection of 124 prenatal genetic syndromes.

## ExoNIM® Prenatal

Whole exome sequencing service for cases of suspected rasopathy (Noonan Syndrome) or skeletal dysplasias.

## TromboNIM®

Genetic study of hereditary thrombophilia to identify patients at increased risk of developing thromboembolic disease.

## ReproNIM®

Carrier study (or genetic compatibility test) that allows predicting a couple's risk of transmitting certain diseases to their offspring.

# Oncology

## Familial cancer - Oncohematology - Somatic cancer

With the aim of guiding specialists towards the most appropriate treatment and clinical management of their patients, NIMGenetics has different services and platforms focused on identifying molecular alterations in tumour samples, families with **hereditary cancer,** the **genetic origin of tumors,** and molecular alterations in **oncohematological diseases.**

# Pediatrics

Both **neurodevelopmental disorders (NDD)** and **multiple malformation syndromes** are usually characterised by having a complex clinical presentation, with partial and/or overlapping manifestations, making it necessary to approach these conditions through the sequential combination of different genetic tests required for each patient.

Our goal is to achieve **an accurate and reliable diagnosis**, offering from array CGH studies and sequencing to global solutions through comprehensive approaches.

*Malformation syndromes*

*Inborn errors of metabolism*

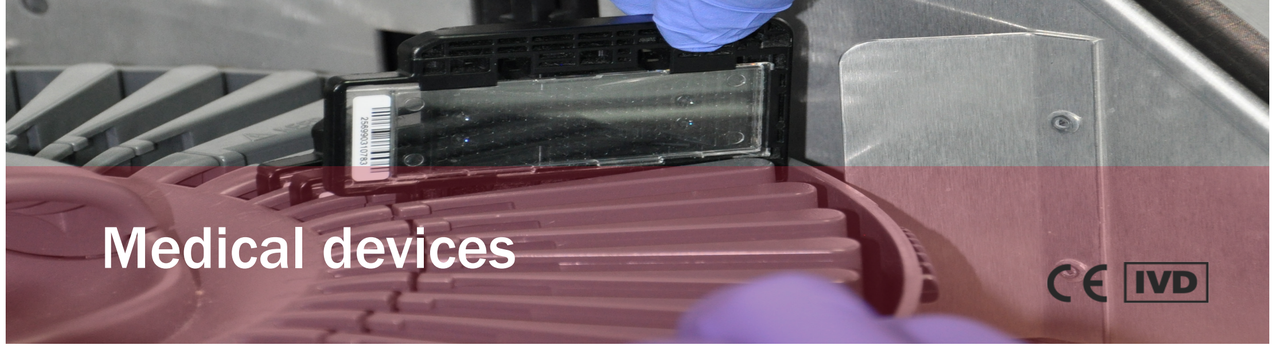
*Autism, intellectual disability and other neurodevelopmental disorders*

*Children´s neurological disorders and childhood epilepsy*

# Other specialities

*Our consolidated portfolio of diagnostic services allows us to cover a wide range of medical specialties*

| | |
|---|---|
| *Neurology* | *Ophthalmology* |
| *Cardiology* | *Endocrinology* |
| *Immunology* | *Dermatology* |
| *Pneumology* | *Nephrology* |
| *Others* | |



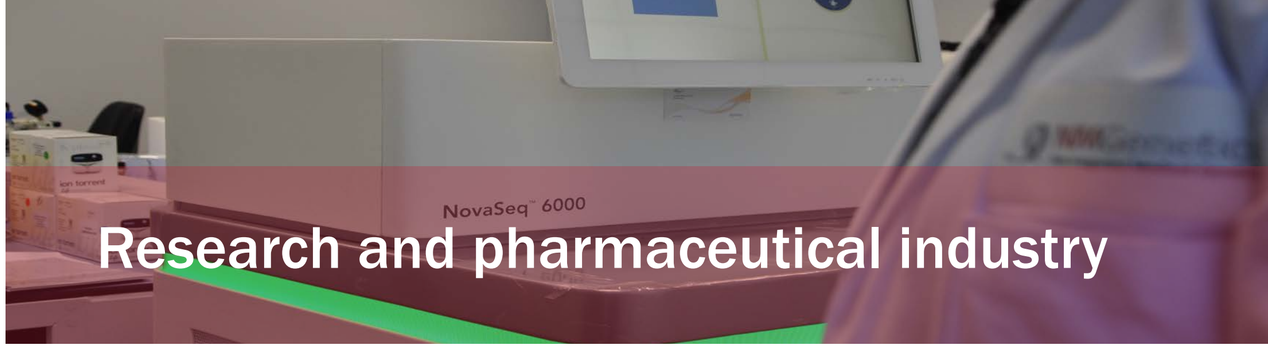
# Medical devices

## KaryoNIM® Array CGH Kit

At NIMGenetics we offer more than 10 years of experience in molecular karyotyping, enabling a complete in-house analysis by hospital laboratory services

## COVID-19 products

NIMGenetics offers healthcare professionals various CE-marked devices to facilitate all stages of the COVID-19 testing process, from sample collection and transport (pre-analytical phase) to the diagnostic result (analytical phase).




# Research and pharmaceutical industry

Our broad infrastructure with state-of-the-art technology that, together with our highly qualified staff and advanced bioinformatics, allows us to offer cutting edge **research support services** with highest quality standards and certifications.

| | |
|---|---|
| **Next Generation Sequencing (NGS)** | Platforms (Novaseq 6000 and MiniSeq) that can be use for **drug discovery with DELs**, gene **expression analysis** (RNA-Seq and single cell), **whole exome** and **whole genome sequencing**. |
| **Bioinformatics** | Using **cutting edge technology platforms** such us DRAGEN™. As well as a **Genomics Data Repository** with multiple applications. |
| **Genomic services for Cell and Gene Therapy** | Technologies for the **control of cellular stability**, **cross-contamination** in cell cultures, as well as **CRISPR off-target effects** and **viral vector analysis**. |
| **Consultancy projects** | A multidisciplinary team of consultants is at your disposal to collaborate in the **personalized development of your projects**, looking for the best solutions at all times. |