

TITLE Design and manufacturing of genetic diagnosis kits.

DESCRIPTION OF THE INVENTION

Recently, scientific advances have led to a deeper understanding of the molecular basis of most diseases. This has allowed us:

1. To identify genetic variants directly related to certain diseases.
2. To identify molecules, known as biomarkers, able to indicate the onset, progression or complication of a disease.

The precision of these biomarkers and the techniques used to detect them represents an accurate and non-invasive way to diagnose or predict an increasing number of pathologies. Moreover, a disease may be better characterised according to its particular molecular profile, opening the door to personalised medicine.

The Genetic Diagnosis Unit of INCLIVA was pioneer in the Valencia Region Health System and has consolidated experience in genetic studies of diseases such as hypercholesterolemia, diabetes, cancer (breast, colon and others), neurodegenerative disorders (including Alzheimer), renal diseases, pancreatitis, cystic fibrosis and several rare diseases, among others.

INCLIVA puts the expertise of its Genotyping and Genetic Diagnosis Unit at disposal for developing genetic tests based on DNA or RNA biomarkers using molecular biology technics such as PCR, real-time PCR, DNA microarrays or next generation sequencing.

BUSINESS SECTORS OF APPLICATION

Biotech companies and other hospitals interested in genetic diagnosis.

TECHNICAL ADVANTAGES AND BUSINESS PROFITS

Accurate and non-invasive diagnostic/prognostic tools.

Expertise of a pioneer group in the field of clinical genetic diagnosis.

DEVELOPMENT OF THE TECHNOLOGY

All the protocols and probes developed by this unit have been proven for diagnostic use.

INTELLECTUAL PROPERTY RIGHTS

Know-how. The core information related to this technology is not publicly available.

SOUGHT COLLABORATION

Companies or hospital laboratories interested in licensing the know-how or consultancy services for the design of new genetic tests.

CONTACT

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