

Biotype Diagnostic GmbH

Molecular genetic test systems for fast and sensitive *in vitro* diagnostics



Company profile

The Biotype Diagnostic GmbH works continuously to develop and deliver unique molecular diagnostic solutions that set new performance and quality standards in clinical research and diagnostic. We design products that reliably support healthcare professionals in gaining diagnostic insight and elucidating complex medical questions. Our products address the medical areas hematology/oncology and dermatology, as well as we provide products for fast and intelligent sample preparation.

Operating from our headquarter in Dresden we are an innovative, dynamic and aspiring biotechnological company with more than a decade of experience in developing, producing and distributing molecular biological applications. Close relationships with clinicians, regulatory agencies and academia has made us understanding specific needs and enables us to provide tailored solutions to optimize workflows and costs.

The substantial breadth of expertise within our company facilitates to be involved in the full life cycle of our *in vitro* diagnostics from the initial idea through to final manufacture, product placement and sale. These qualities allow us to offer the best possible support to all our products that we supply hence maintaining excellent client relationships.

Mentype® - stands for efficient and sensitive in vitro diagnostic tests for medical applications

Samplettype - stands for fast and efficient DNA extraction from challenging specimens - in a single tube assembly

Areas of business

The Biotype Diagnostic GmbH continuously provides innovative diagnostic solutions to the market. We are constantly working on developing our existing product portfolio as well as researching new technologies to meet the demands of medical professionals throughout the world.

Our products provide customers with reliable and professional medical diagnostics. Our Mentype® test kits guarantee highest quality standards for clinical research and diagnostic in the areas of hematology/oncology and dermatology. Supported by our wide ranging network and our gathered expertise we continuously transfer scientific know-how into marketable applications.

The latest addition to our product portfolio is our Samplettype range; developed for quantitative DNA extraction procedures to provide DNA lysates of highest quality. The proprietary filter material allows the sample lysis and separation of DNA in the same device without any manual transfer of the substrate or additional pipetting steps. Our novel column systems are ideally suitable for DNA extraction procedures involving a diversity of specimens in areas such as clinical or forensic sample preparation.



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Diagnostic Assays

Mentype® **AMLplex**^{QS} - A multiplex-PCR based screening tool to diagnose acute myeloid leukaemia (AML). A fragment length analysis reveals 31 transcript variant underlying AML- diseases.

Mentype® **Chimera**[®] - The Multiplex-PCR chimerism analysis after allogenic bone marrow or stem cell transplantations to detect relative donor/recipient ratios. 12 specific STR-markers provide a very high chance to detect multiple informative loci.

Mentype® **MycoDerm**^{QS} - A multiparameter differential diagnostic for a fast and reliable detection of dermatomycosis causing pathogens.

Sample preparation

Samplotype **i-sep**[®] DL - All in one system equipped with a self-sealing filter which allows the stepwise release and separation of DNA from mixed specimens. The novel spin-column system is ideally suitable for differential lysis, a special DNA extraction procedures of forensic samples.

Samplotype **i-sep**[®] SQ - All in one system for effective DNA preparation. A specifically designed device that allows quantitative DNA extraction even from low sample input of forensic and clinical specimens.

Technology

DNA variations such as short tandem repeats (STRs), single nucleotide polymorphisms (SNPs), deletion/insertion polymorphisms (DIPs), or DNA mutations are widely used to diagnose diseases or to differentiate between individuals. Based on such molecular markers our Mentype® products enable fast and sensitive diagnostics and guaranty highest quality standards. Another strategy is the detection of pathogens based on distinctions in the DNA-sequence to differentiate particular microorganisms in a multiplex-PCR.

Service

In close collaboration with our academic and clinical partners we transfer science to market. Consequently, our product variety is constantly increasing to support your future visions.

Benefit as well from our expertise!

Executive Director

Dr Wilhelm Zörgiebel

Director R&D

Dr Werner Brabetz

Director Business Development

Dr Martin Jung

Head of Product Management

Dr Helge Schnerr

Bio type[®]

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