

Biotype Diagnostic GmbH

Molecular genetic test systems for fast and sensitive PCR diagnostics



Company profile

The Biotype Diagnostic GmbH was founded in 1999. It is situated in the GebäudeEnsemble Deutsche Werkstätten Hellerau in the north of Dresden, Germany. The company specialises in genotyping and in molecular biological analysis employed in forensics, human or veterinary medicine, as well as in construction surveys.

Biotype develops, produces and distributes molecular genetic test systems for fast and sensitive PCR diagnostics. The product portfolio varies from test kits for genetic identification of humans and animals, *in vitro* diagnostics in human medicine, as well as for molecular detection of human and veterinary pathogens, to a complete-kit for diagnostics of wood-rotting fungi applied in construction surveys.

All products are based on the technology of multiplex PCR for subsequent analysis using microarray detection, capillary gel electrophoresis or Real-Time-PCR.

Bio type®



Area of business

Forensics

Product Line: Mentype®
Application: DNA profiling for genetic identification, DNA fingerprinting
Customers: Police departments, Institutes of legal Medicine, private laboratories

Human Medicine

Product Line: Humantype
Application: *in vitro* diagnostics, chimerism analyses after bone marrow transplantation, genetic identification
Customers: University hospitals, Institutes of legal Medicine, private laboratories

Fungal diagnostics

Product line: Mycotype®
Application: Fungal diagnostics applied in construction surveys
Customers: Private institutes und laboratories, universities, state examination laboratories

Veterinary Medicine

Product Line: Bactotype® and Virotype®
Application: Detection of bacterial germs and viruses in veterinary medicine and food surveillance
Customers: State examination laboratories, universities, private laboratories

Animal Breeding

Product Line: Animaltype
Application: Proof of origin, parentage testing of breeding animals, control of inbreeding
Customers: Breeding associations, university laboratories, private laboratories

Technology

Genomic DNA variations like polymorphic repetitive sequences (STRs), point mutations (SNPs) or deletions and insertions (DIPs) can be widely used to differentiate between individuals or to diagnose diseases. The Biotype Diagnostic GmbH develops multiplex PCR test systems that are able to amplify simultaneously multiple genetic regions in a single reaction for fast and sensitive PCR diagnostics. The reaction products are subsequently analysed by capillary electrophoresis, Real-Time-PCR or microarrays.

Service

Our experience in DNA-analytics enables us to develop together with our scientific partners *in vitro* diagnostics and to establish these on market.

Benefit as well from our expertise and contact us!

Executive director

Dr. Wilhelm Zörgiebel

Business Development

Dr. Martin Jung

Sales and customer support

Ondrej Krsicka