



Patent and IP Protection in Biotech and Pharma

The biotechnology industry has rapidly developed over the last 10 years with mature products and considerable revenues. As the industry has grown so has the need to protect biotechnology inventions, where violation of Intellectual Property (IP) has increased in recent years. Eurofins delivers analytical evidence for patent infringement to leading international pharmaceutical, biotech and law firms. With a portfolio of over 40.000 sensitive analytical methods, Eurofins is a global analytical leader in Life Sciences. For an overview of the comprehensive Eurofins Pharma Services please visit www.pharma.eurofins.com

Forensic DNA Analysis

At first instance, we use Forensic DNA methods to find analytical evidences for IP fraud. At some production stage, almost each biotechnological product has been in contact with specific DNA fragments. Final products, including biopharmaceutical drugs, often contain trace amounts of specific DNA which can be used as target for analytical assays.

Forensic Toxicology Analysis

If DNA is not available, we might apply Forensic Toxicology methods used in serious criminal cases. This includes e.g. chemical, physical or toxicological assays and the expertise of highly skilled scientists, e.g. to detect and quantify trace amounts of substances, including modifications or derived products.



Our services

Our DNA analyses take place under secure conditions at our fully accredited Genomics and Forensics laboratory centre. Chemical and physical assays are performed in experienced accredited Forensic Toxicology laboratories.

Our senior experts consult with our clients on the best analytical procedure and then develop an individual analytical plan. Each case is managed by one of our experienced scientists throughout the investigation.



All logistic, scientific and analytical steps are fully documented using the same procedures that we use with police cases. Due to the fact that only minor amounts of DNA or other substance of investigation are contained within these samples (sometimes only few molecules), analysis is performed under forensic conditions to avoid any potential contamination. Once the analytical results are available our scientists issue an expert witness report with reproducible documentation which can be used in court, or as required. Our scientists will also meet with the legal representatives and bring in many years of court experience to defend their report.

Our analytical support and expert-witness court services for suspected infringement of patents and IP cover:

- Pharmaceutical and small molecule drugs
- Biotechnological production of proteins, enzymes, vitamins, additives, chemicals etc.
- Cell lines and organisms for R&D, medical testing and production
- DNA markers in human diagnostics, plant and animal breeding
- RNA constructs, e.g. siRNA
- Genetically modified organisms
- Diagnostic products
- Processes and services based on patented DNA

The Laboratory: Eurofins Medigenomix – DNA Competence and more

Together with our sister company Eurofins MWG Operon we build the Eurofins DNA Campus with over 5.500m² of laboratory and office space. The DNA Campus is the leading European commercial provider of DNA analysis, sequencing and molecular biology services and one of the largest production sites of DNA oligonucleotides worldwide.

Contact IP Testing: Dr. Jens Wiehler – jenswiehler@eurofins.com

Eurofins Medigenomix GmbH • Anzinger Str. 7a • D-85560 Ebersberg • Germany
Phone: +49 (0)8092 8289-200 Fax: +49 (0)8092 8289-201 www.medigenomix.com

Please visit also www.eurofins.com and select your local contact from 30 countries.