

AJ ROBOSCREEN

Your competent service provider for quantitative molecular analyses

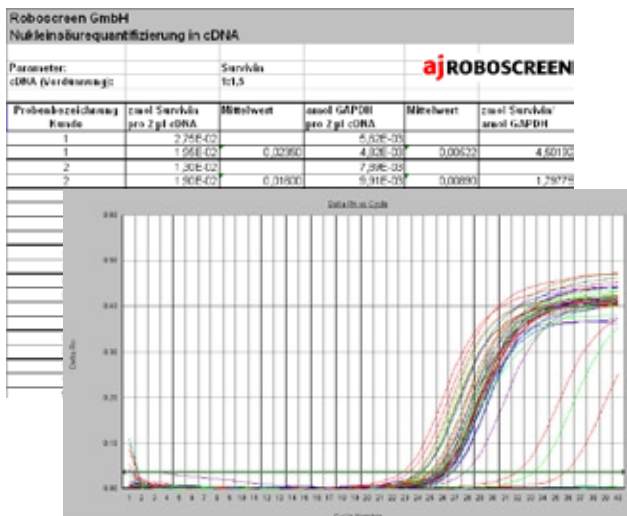
Is outsourcing of your daily routine analyses in R&D a topic for you?
Is the availability of technical and staff resources limiting the continuity of your research work?

Then benefit from our long-time experience in manufacture of diagnostic tests and service supplies for nucleic acids-based diagnosis!



Our activities

- Standardized measurement of nucleic acids (DNA targets, gene expressions, splice variants, etc.) by quantitative real-time PCR in various clinical samples, nucleic acids purification and cDNA synthesis according established protocols
- Fast and reliable data acquisition
- Highly reproducible and consistent results
- Excellent cost/performance ratio



Our expertise

- More than 50 standardized RoboGene® tests for quantification of established tumour markers, candidate and reference genes (oncogenes, apoptosis, cell cycle, multidrug resistance, neurological receptors), viruses, bacteria, etc.
- Customer-tailored development of protocols based on AJ Roboscreen proprietary technology or access to established real-time qPCR tools (e.g. Assays-on-Demand™ Gene Expression, Universal ProbeLibrary, etc.)
- Exclusive access to patented sampling, sample preparation and sample logistics systems
- Apparative equipment for high-throughput screening based on instrumentation provided by Analytik Jena AG, Applied Biosystems and Corbett Research
- Highly qualified and experienced staff
- Reliable quality management according DIN EN ISO 9001-2000 (DIN EN ISO 13485 in preparation)

Further services

- Development, manufacture, calibration and stabilization of standards/calibrators (plasmids, highly purified amplicons, cRNA) according to our patented technology platforms
- Highly reproducible and storage-stable coating of the inner walls of reaction vessels (e.g. PCR Tubes) with defined amounts of DNA or RNA („Intelligent tubes“)

Procedure

- Transmittal or, on demand, pick-up of deeply-frozen samples from your lab by our established courier services
- Analysis and online transmission of results as Excel-file (operation time about 5 to 7 working days)
- Free-of-charge storage of your samples at -20 to -80°C for ongoing experiments



Our references

- Ludwig Institute for Cancer Research, ORCRB, University of Oxford, UK
- MolMed S.p.A., Italy
- Hain Lifescience GmbH
- TU Dresden, Universitätsklinikum Carl Gustav Carus, Klinik für Urologie, Nephrologisches Labor, Medizinische Klinik III, Institute für Pathobiochemie, Pathologie, Immunologie und Dermatologie
- Martin Luther Universität Halle-Wittenberg, Institut für Pathologie, Institut für Strahlentherapie
- TU München, FG Frauenklinik
- Maximilians-Universität-München, Institut für Medizinische Genetik
- Eberhard-Karls-Universität Tübingen, Institut für Allgemeine Hygiene und Umwelthygiene
- Friedrich-Alexander-Universität Erlangen-Nürnberg, Klinik für Strahlentherapie
- Universitätsklinikum Freiburg, Institut für Mikrobiologie und Hygiene
- Universität Ulm, Klinik für Allgemeine und Transplantationschirurgie