

One-stop shop

Profit by our complete workflow

- > Analysis of user requirements
- > Preparation of technical specifications
- > Assay design
- > Functional testing
- > System integration and optimization
- > Verification and validation

Our qualification and infrastructure

- > Experienced and interdisciplinary team
- > State-of-the-art laboratory equipment
- > S2/S3** micro-and molecular biology labs
- > Cell culture lab
- > DIN ISO 9001:2015 certified

Benefit from our mature technology!

We are looking forward to
get in touch with you!

■ Your contacts

Protein analysis:

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Customized assay
development for your
bioanalytical challenge



Nice to meet you!

You are looking for an assay development service...

- ... to gain access to innovative technology and experts in the field
- ... to **integrate, miniaturize**, and highly **multiplex** your bioanalysis
- ... to speed up your assay development process
- ... with reduced development risks and costs

With years of experience, we are ready to develop customized assays for your bioanalytical challenge.

As your R+D partner, we...

- ... take on your challenges in design of novel assay formats
- ... work with you to deliver intelligent solutions
- ... support you from the initial idea or concept all the way to production

We develop a wide range of bioanalytical methods

Nucleic acid analysis

- > Real-time and digital PCR
- > Isothermal amplification
- > Electrochemical detection

Protein analysis

- > Immunoassays
- > Lateral flow assays
- > Protein electrophoresis

Our experience covers various fields of application

- > Diagnostics of infectious diseases
- > Inflammation monitoring
- > Cancer monitoring
- > Liquid biopsy of circulating tumor DNA
- > Sample prep for next generation sequencing
- > Quality control for biotech/pharma products

Our technologies

Benefit from the advantages of our technology portfolio

Mediator Probe Technology (PCR and LAMP)

- > High signal-to-noise ratios
- > Easy multiplexing with one set of optimized reporter molecules
- > Distinct design guidelines

Digital assays

- > Absolute quantification without calibration
- > Detection of rare events
- > High flexibility of microfluidic integration

Immunoassays

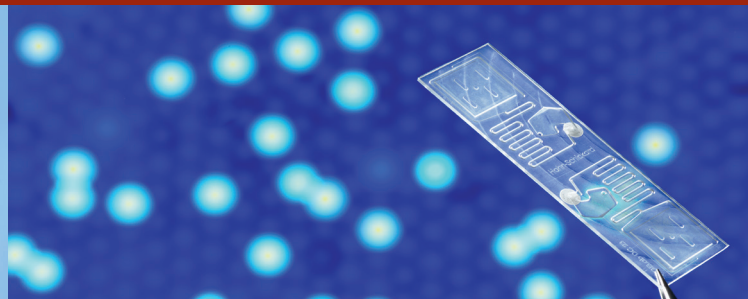
- > Enhanced sensitivity
- > Extended dynamic range
- > Modular assay designs

Biochemical functionalization

- > Antibody bioconjugation
- > Surface modifications



Lateral Flow Assay



Digital PCR



Isothermal Amplification