

Your R&D Partner for In Vitro Diagnostic



**Contract
Development**

**Proposal
Initial Phase
Feasibility
Development
Validation
Transfer**

Expertise

Assay Development

- immunoassays on demand
- feasibility studies and optimization
- performance validation
- expertise in veterinary assays

Antibody and Antigen Development

- monoclonal antibodies
- native and recombinant antigens
- purification of biomolecules
- conjugation service

Readout Devices and Bioinstruments

- functional model studies
- prototype developments
- small series production

The fzmb GmbH offers development services in the fields of diagnostics and bioanalytics, veterinary medicine incl. veterinary clinic, food safety and bio-instruments.

The fzmb GmbH is a privately owned, non-profit organization with 110 employees. In the field of in-vitro-diagnostics, the research centre is a partner for the development of bioreagents, assays, assay platforms and for validation work in the context of industrial collaborative projects and research contracts. Due to its broad technology portfolio, fzmb GmbH is able to implement complex developments including medical (veterinary), biological, chemical and engineering competences.

Development Focus Point-of-Care Analytics

Fzmb GmbH is developing a number of state-of-the-art systems to provide on-the-spot mobile analysis and diagnostic systems.

Development work focuses on membrane-based flow immunoassays in various formats and in combination with different readout techniques (reflectometry, fluorimetry, magnetic particle detection, luminometry). In addition, mobile analysis systems based on near infrared spectroscopy and ion mobility spectroscopy are being developed and offered.

Development Focus Veterinary Medicine

In close cooperation with the in-house veterinary clinic and external partners from industry and agriculture, fzmb GmbH develops a series of novel assays for use in special segments of veterinary medicine. The spectrum of these developments ranges from inflammation markers, cardiac markers and serological assays to the direct detection of bacteria and viruses.

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