



Microfluidic systems for point-of-care applications

Device for protein detection

We develop a microfluidic system for the automated detection of proteins using chemiluminescence immunoassay.

Our innovative method enables fast and efficient reading of the reaction, thereby improving efficiency in protein analysis.

KEY FEATURES

- adaptation of the microfluidic cartridge to different detection reactions
- qualitative and quantitative detection possible
- automation of a lengthy laboratory process through microfluidics

BENEFITS

- specific and sensitive measurement of individual protein biomarkers on a microfluidic cartridge
- high degree of automation enables use as a point-of-care system

INTERESTED?



Scan the QR code to learn more about our R&D in the protein detection and quantification.

<https://s.fhg.de/IMM-Protein-Detection>

Follow us on LinkedIn: **Diagnostics @Fraunhofer IMM**