Actionable protein insights, **delivered in minutes.**

One protein or several, quantified from a few drops of blood — and intelligently combined into a single answer a clinician can act on.

Partner on one step, several, or the whole journey.



Multiple	3	250,000+	50+	110+
regulatory clearances: FDA, CE-IVDR and more	FDA Breakthrough designations	tests run in clinical use	peer-reviewed publications	granted patents, applications

CLEARED & BACKED BY

Partner on one step, several, or **the whole journey.**

00	01	02	03	04	05	06	07	08
Data & biobank	Discovery	Signature	Assay	Product	Manufac-turing	Clearance	Integration	Go to market

Enter at any point and tailor the program to your needs.

DISCOVER

Find the signal

00 Proprietary data & biobank

Curated biobank with deep clinical annotation from prospective multi-national studies — over 15,000 characterized samples.

01 Biomarker discovery

Screening and feature selection across host-response proteins for your indication.

02 Signature construction

Machine-learning signature development, verification and validation.

ENTER HERE WITH

A clinical question, your own cohort, or a therapeutic hypothesis to test.

BUILD

Make it measurable

03 Assay development

Immunoassay development for any protein across pg/ml–µg/ml, single or multiplexed.

04 Productization on MeMed Key®

Assay and algorithm on a cleared point-of-need platform: 15-minute results.

05 Manufacturing

Global manufacturing and logistics under an FDA/IVDR-grade quality system.

ENTER HERE WITH

A locked signature, candidate markers, or an existing lab assay.

PROVE

Clear it, ship it

06 Validation & clearance

Study design, multi-site execution, adjudication and regulatory submissions.

07 Integration & connectivity

EHR and LIS integration, connectivity, access to an installed base.

08 Go to market

Global distribution and services across North America and Europe.

ENTER HERE WITH

A product that needs clearance, or a channel that needs a product.

Two Engine outcomes — from a research-use assay to a test ready for clinical study.

OUTCOME 1 **RUO test** · in months

OUTCOME 2 **Clinical-production test** · ready for the clinical study and, later, regulatory clearance

MeMed Key® — **core-lab precision** at the point of need.

Measure any protein*, or several at once, from one small sample in 15 minutes, across µg/ml to pg/ml. Signatures run natively on the platform's software, turning measurements into one clear answer.

* Or DNA, a glycoside, a small molecule, or any other entity that can be recognized by antibodies.



15 min
sample to result

0.15 ml whole blood
or 0.1 ml serum / plasma

µg–pg/ml
dynamic range, any protein*

CLIA-waivable
no sample prep or waste handling

Adaptable chemiluminescent immunoassay technology — transfers to high-throughput central-lab analyzers through our partnerships with DiaSorin and Beckman Coulter.

BIOMARKER LIBRARY

Ready to run on MeMed Key® · more under CDA

FDA/IVDR CLEARED

TRAIL · IP-10 · CRP

FDA 510(k) · K210254 · K222332 · K230944

RUO

IL-6 · Ang-2 · ST2 · RAGE · IL-10 · IL-8 · Troponin · STC1 · CSF3 · Under CDA

WE ARE OUR OWN FIRST CUSTOMER

Bacterial or viral?

MeMed BV® — cleared by FDA, CE-IVDR, UK and Canada; proved clinical utility.

250,000+ tests · in routine clinical use, 15 minutes each

Severe or not severe?

MeMed Severity™ — investigational, not yet cleared; FDA Breakthrough Device designation.

72 h · organ-dysfunction prediction window; 14-day mortality risk

Start anywhere on the journey.

Tell us the indication, the decision your test has to support, and where you'd like to enter. We come back with a feasibility view within two weeks.

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