




BIOMÉRIEUX

VIDAS[®] IGRA SOLUTIONS*

AUTOMATIZE CELL-MEDIATED IMMUNE RESPONSE

LIFE SCIENCES

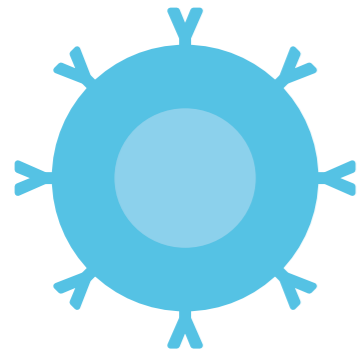


*For Research Use Only

PIONEERING DIAGNOSTICS

CELL-MEDIATED IMMUNITY (CMI)

> **BETTER UNDERSTANDING T-CELL IMMUNE RESPONSE HAS BECOME A GROWING NEED**



COMPREHENSIVE PICTURE of IMMUNE STATUS

CMI provides complementary information to humoral immunity.

EMERGENCE of NOVEL THERAPIES (CAR-T cell therapy, immunotherapy...)

Over the last decades has changed the need around adaptative immunity testing.

> **BUT CURRENT TESTING TOOLS ARE VERY CUMBERSOME. IT HINDERS THEIR BROAD USAGE IN ROUTINE RESEARCH**

ANALYTICAL CHALLENGES

HIGHLY MANUAL ASSAYS

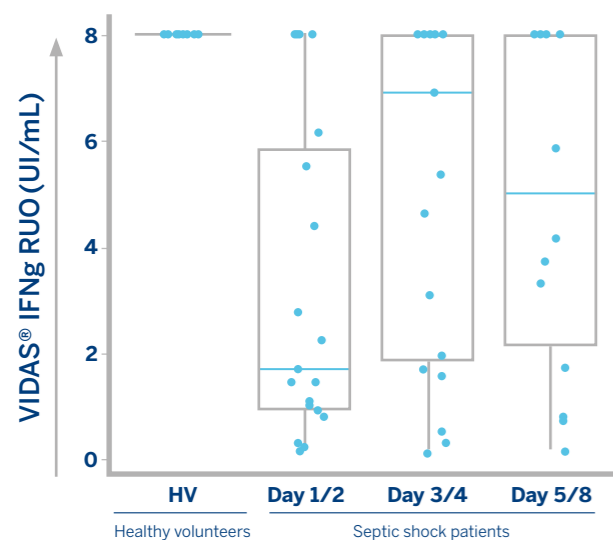
- High hands-on time
- Regular presence of technicians mandatory

POOR STANDARDIZATION

- Home made protocol
- Variability of raw materials
- Technician dependent



WHAT IF YOU COULD AUTOMATIZE YOUR CELL-MEDIATED IMMUNE RESPONSE TO SIMPLIFY AND ACCELERATE YOUR RESEARCH WHILE ENSURING STANDARDIZATION ?



A fully automated Interferon-γ Release Assay (IGRA) to monitor Cell-Mediated Immunity in 4 hours may differentiate healthy volunteers from septic shock patients with impaired cellular functionality⁽¹⁾

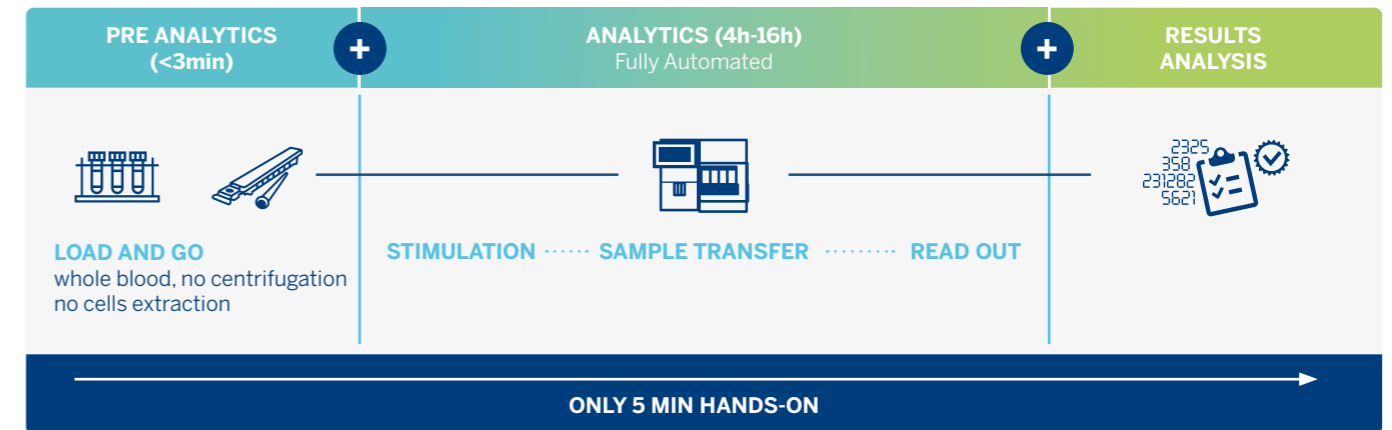
< IGRA in healthy volunteers and in patients admitted in Intensive Care Unit with septic shock during 1 week

VIDAS® IGRA SOLUTIONS*

FIRST FULLY AUTOMATED FUNCTIONAL ASSAYS

ACCELERATE & SIMPLIFY YOUR RESEARCH

ALL STEPS MANAGED INSIDE THE VIDAS®3 from a single whole blood tube ⁽²⁾



FULLY AUTOMATED

- Whole blood: no sample preparation
- Reduced hands-on-time
- Simply load & go
- Reduced stimulation time

ALL STEPS STANDARDIZED

- Predefined standard curve
- Controls
- Robust results

HIGH PERFORMANCES

- Reagents optimized for immuno-compromised patients

INNOVATIVE RESEARCH TOOLS

Integrate Customizable RUO* solutions into your research practices

OPEN IGRA RUO SOLUTIONS

Facilitate your clinical research

> VIDAS® IGRA 4 RUO - VIDAS® IGRA 16 RUO

- On-board incubation in 3.5 or 16 hours according to the stimulant chosen, then automatic reading
- Less than 5 min technician time to get your CMI response

STIMULANTS

Tailor your RUO assays

> VIDAS® STIMM™ FAMILY

- VIDAS® STIMM™ T RUO
Immune status assessment in only 4 hours
- VIDAS® STIMM™ CMV RUO

> STIMULANT OF YOUR CHOICE (homemade or 3rd party)

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LIFE SCIENCES SOLUTIONS AVAILABLE ON VIDAS® 3



BRING YOUR RESEARCH INTO A NEW ERA

 24/7 On-demand automated testing	 100% automated & enhanced traceability	 Save time	 All-inclusive kits , limited calibrations and controls	 Robust MTBF* >700 days
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FULLY AUTOMATED ASSAYS CMI RESPONSE

PRODUCT NAME	REFERENCE
OPEN IGRA RUO	
VIDAS® IGRA 4 RUO	424329
VIDAS® IGRA 16 RUO	424328
STIMULANTS	
VIDAS® COVID STIMM RUO	424330
VIDAS® STIMM™ T RUO	424331
VIDAS® STIMM™ CMV RUO	424616
VIDAS® STIMM™ BASIC RUO	424615

ADDITIONAL ASSAYS

PRODUCT NAME	REFERENCE
CYTOKINES	
VIDAS® IFNg RUO	423304
VIDAS® IL-6 RUO	423305

REFERENCES

1. Rahimi *et al.* Cytokine, 2023
2. Mouton *et al.* Eut J. Immunol, 2021

* Mean Time Between Failure

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