# RANDOX

## EVIDENCE MULTISTAT

### Transforming ICU Patient Outcomes

## Powered by Biochip Array Technology

The Evidence MultiSTAT uses Biochip to enable rapid and precise detection of up to 48 biomarkers from a single sample, offering highly sensitive screening for critically ill patients.

## Biochip Arrays

### Hyperinflammation

| Biomarkers |
| --- |
| IL-1β | IL-2 | IL-6 | IFN-γ |
| TNF-α | IL-15 | MCP-1 |
| Ferritin | D-Dimer |

### InflamiSTRAT

| Biomarkers |
| --- |
| sTNFR1 | IL-6 |

### Neurovascular Dysfunction

| Biomarkers |
| --- |
| GSTPi | PARK7 | NDKA |
| GFAP | FABP3 | IL-6 |
| sTNFR1 | D-Dimer |

### Kidney Dysfunction Risk

| Biomarkers |
| --- |
| sTNFR1 | sTNFR2 |
| H-FABP | Midkine |

Used in research settings to date.

# EARLY DIAGNOSIS
## CAN MAKE A DIFFERENCE

**PROBLEM**

Current lab-based tests have **longer turnaround times, delaying diagnosis and treatment initiation.**

**SOLUTION**

Patient Pathway with **Evidence MultiSTAT**

**1** Patient presents with disease symptoms

**2** Immediate testing with Evidence MultiSTAT

**3** Rapidly aids identification of disease from 36 minutes

**4** Tailored and targeted treatment plans

**OUTCOME**

Accurately and **rapidly identify clinical pathways**, triage and intervene immediately.

Monitor patient response to **treatment in real-time**, enabling faster tailored clinical intervention.

**Improve patient outcomes** through rapid targeted treatment plans and trials, enhancing efficacy and recovery rates.

**Reduce costs** through shorter ICU stays, efficient resource use, and fewer complications and readmissions.

**3 STEP PROCESS**

Prepare sample & add to cartridge

Load reagent & tip cartridge to MultiSTAT

Press Play