

StatStrip®

Point of Care Lactate Testing



A True Point of Care Lactate Testing System

StatStrip® Lactate is a handheld, true point of care testing system that brings lactate testing directly to the patient's bedside.



Accuracy Comparable to Hospital Lab Testing

The StatStrip Multi-Well™ biosensor measures and eliminates common interferences, providing high performance*.



Swift Turnaround Time for Lactate

StatStrip Lactate produces results in just **13 seconds**, a fraction of the time needed by blood gas analysers.



Extremely Small Blood Sample Volume

StatStrip Lactate's sample volume of 0.7µL enables frequent screening and serial testing for lactate with minimal blood loss. Blood gas analysers used for lactate analysis require over 100x more blood than StatStrip Lactate.



Low Cost and Easy to Use

StatStrip Lactate is a low cost, affordable device and makes lactate testing easy and practical, requiring no calibration or coding!



Lactate and Sepsis Screening >

Sepsis is a major health issue worldwide, with over 18,000 patients treated in Australia alone each year, 5,000 of which result in death[†]. In its early stages, sepsis causes symptoms not dissimilar to a viral infection. There can be a rapid decline from feeling unwell to septic shock. Severe sepsis is the leading cause of death in non-coronary ICUs.*

Blood Lactate is a Key Early Indicator of Sepsis*

Providing lactate testing is essential to combat sepsis in hospitals and critical care environments to effectively treat septic patients.

Rapid Lactate Testing and Early Diagnosis is Crucial*

Recognising an increase in lactate as soon as possible, coupled with immediate resuscitation is associated with improved outcomes in any department* providing care for high acuity patients:

- **In the ED:** patients with sepsis, shock, acute abdomen, acute myocardial infarction (AMI), occult illness, shock trauma, asthma and cardiac arrest
- **In the ICU:** patients with sepsis, septic shock, AMI, heart surgery, high-risk surgery, burns, anaemia of prematurity, circulatory shock, pulmonary embolism and blood transfusion
- **In the OR:** patients with congenital heart surgery, liver transplant, shock and abdominal aortic aneurysm >



StatStrip Lactate has a small sample size, fast 13 second results and easy operation, making it practical for routine, serial testing of lactate in the treatment of sepsis and septic shock.

For more information on StatStrip Lactate, please contact us on **1300 845 762** or at **poc@amsl.com.au**

amsl.com.au

*Data on file.

[†] Kaukonen K, Bailey M, Suzuki S, Pilcher D, Bellomo R. Mortality related to severe sepsis and septic shock among critically ill patients in Australia and New Zealand, 2000-2012. JAMA 2014;311:1308-16. ARTG 197482, ARTG 200682. PR-100-316 June 2019

