Point-of-Care Whole Blood Meters



Nova Biomedical's professional-use meters provide rapid bedside testing to aid clinicians in diagnosing, monitoring, and treating patients in hospital settings including the ED, ICU, and radiology.

Capillary Samples for All Tests

Results as Fast as 6 Seconds

Simple Operation

Single-Use Biosensors

Bidirectional Connectivity

nova® biomedical



Point-of-Care, Capillary

Stat Strip GLUCOSE



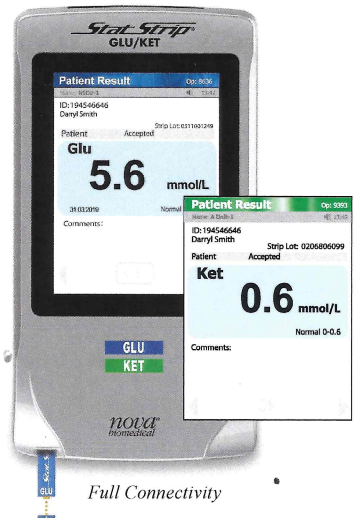
Full Connectivity

Diabetes and Glycemic Control

The only glucose meters FDA cleared for hospital and professional use, including with critically ill patients. Accuracy proven in over 170 published studies.

- 1.2 µL, results in 6 seconds

Stat Strip GLUCOSE/KETONE**



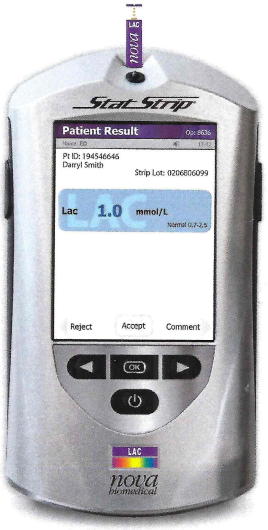
Full Connectivity

Diabetes and DKA Assessment

Adds ketone, the best biomarker for detecting and guiding therapy for ketosis and diabetic ketoacidosis (DKA), to the glucose meter.

- Glu: 1.2 µL, results in 6 seconds
- Ket: 0.8 µL, results in 10 seconds

Stat Strip LACTATE



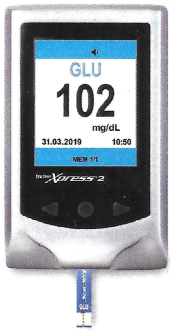
Full Connectivity

Sepsis Screening and Monitoring

Lactate is the best biomarker for detecting and guiding therapy for sepsis and septic shock.

- 0.6 µL, results in 13 seconds

StatStrip Xpress 2 GLUCOSE



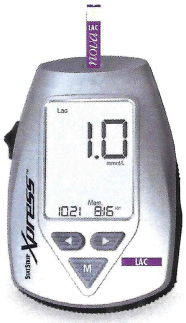
Limited Connectivity

StatStrip Xpress 2 GLUCOSE/KETONE*



Limited Connectivity

StatStrip Xpress LACTATE*



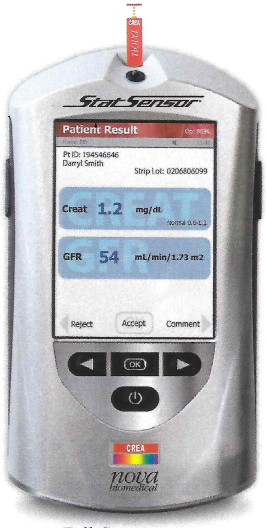
Limited Connectivity

*Not yet available in the U.S. or Canada

**Not yet available in the U.S.

Blood Analyzers

Stat Sensor® CREATININE



Full Connectivity

Kidney Function Assessment

Creatinine and eGFR are used for kidney function assessment in radiology, oncology, and other settings.

- 1.2 µL, results in 30 seconds

Stat Strip® HEMOGLOBIN/HEMATOCRIT*



Full Connectivity

Anemia and Blood Donor Screening

Measures, not calculates, both hemoglobin and hematocrit.

- 1.6 µL, results in 40 seconds

STAT SENSOR Xpress® CREATININE*



Limited Connectivity

StatStrip Xpress®2 HEMOGLOBIN/HEMATOCRIT*



Limited Connectivity

Other Nova Capillary Blood Analyzers

Clinic and Primary Care Testing

Diabetes, anemia, kidney function, and gout assessment for clinics and primary care.

Allegro®*

Measures:

- HbA1c
- Lipids
- PT/INR
- UACR



Integrated Meters

Measures:

- Hb/Hct
- Glu
- Creat/eGFR
- Uric Acid



Stat EMS® GLUCOSE/KETONE/LACTATE/ HEMOGLOBIN/HEMATOCRIT*



Ambulance and Emergency Testing

Clinically important test menu for immediate patient assessment and treatment for ambulance and emergency care.

- Glu: 1.2 µL, results in 6 seconds
- Ket: 0.8 µL, results in 10 seconds
- Lac: 0.6 µL, results in 13 seconds
- Hb/Hct: 1.6 µL, results in 40 seconds

Nova Biomedical—A World Leader in Critical Care and Point-of-Care Testing

For over 40 years, Nova has been designing and building advanced technology whole blood analyzers and meters for hospitals worldwide. Nova has developed more than 20 whole blood biosensors whose accuracy has been validated in over 200 studies published in peer-reviewed journals. Join the thousands of hospitals around the globe that trust Nova's critical care and point-of-care testing technology.

Biosensor Specifications

StatStrip Glucose Biosensor
Only glucose biosensor FDA cleared for use with critically ill patients



Test Measured: ..... Blood Glucose
Test Strip Volume: ..... 1.2 µL
Test Methodology: ..... Electrochemistry
Test Time: ..... 6 seconds

Sample Types:
Whole Blood: ..... Capillary, Arterial, Venous, Neonatal

Measurement Range:
Glucose ..... 10-600 mg/dL (0.6-33.3 mmol/L)

Operating Ranges:
Temperature: ..... 41°F-104°F (5°C-40°C)
Altitude: ..... Up to 15,000 ft (4,572 m)
Humidity: ..... 10%-90% relative humidity

Reagents and Strips:
Test Strips: ..... 2 vials of 50
QC: ..... 3 levels (sold separately)
Linearity: ..... 5 levels available
Test Strip Use Life: ..... 24 months from date of manufacture
6 months open-vial stability

StatStrip Lactate Biosensor
Best biomarker for rapid sepsis detection and monitoring; also used by trainers of elite athletes to determine training intensity



Test Measured: ..... Blood Lactate
Test Strip Volume: ..... 0.6 µL
Test Methodology: ..... Electrochemistry
Test Time: ..... 13 seconds

Sample Types:
Whole Blood: ..... Capillary, Arterial, Venous

Measurement Range:
Lactate ..... 3-180 mg/dL (0.3-20.0 mmol/L)

Operating Ranges:
Temperature: ..... 59°F-104°F (15°C-40°C)
Altitude: ..... Up to 15,000 ft (4,572 m)
Humidity: ..... 10%-90% relative humidity

Reagents and Strips:
Test Strips: ..... 2 vials of 25
QC: ..... 3 levels (sold separately)
Linearity: ..... 5 levels available
Test Strip Use Life: ..... 24 months from date of manufacture
3 months open-vial stability

StatStrip Hemoglobin/Hematocrit Biosensor*
Rapid diagnosis of blood loss



Tests Measured: ..... Hemoglobin and Hematocrit
Test Strip Volume: ..... 1.6 µL
Test Methodology: ..... Electrochemistry
Test Time: ..... 40 seconds

Sample Types:
Whole Blood: ..... Capillary, Venous

Measurement Ranges:
Hemoglobin ..... 6.5-22 g/dL
Hematocrit 20%-65%

Operating Ranges:
Temperature: ..... 59°F-104°F (15°C-40°C)
Altitude: ..... Up to 15,000 ft (4,572 m)
Humidity: ..... 10%-90% relative humidity

Reagents and Strips:
Test Strips: ..... 2 vials of 25
QC: ..... 2 levels (sold separately)
Linearity: ..... 3 levels available
Test Strip Use Life: ..... 24 months from date of manufacture
3 months open-vial stability

StatStrip Ketone Biosensor**
Best biomarker for detecting and guiding therapy for ketosis and DKA



Test Measured: ..... Blood Ketone
Test Strip Volume: ..... 0.8 µL
Test Methodology: ..... Electrochemistry
Test Time: ..... 10 seconds

Sample Types:
Whole Blood: ..... Capillary, Venous

Measurement Range:
Ketone ..... 0.0-8.0 mmol/L

Operating Ranges:
Temperature: ..... 34°F-104°F (1°C-40°C)
Altitude: ..... Up to 15,000 ft (4,572 m)
Humidity: ..... 10%-90% relative humidity

Reagents and Strips:
Test Strips: ..... 2 vials of 25
QC: ..... 3 levels (sold separately)
Linearity: ..... 5 levels available
Test Strip Use Life: ..... 24 months from date of manufacture
6 months open-vial stability

StatSensor Creatinine Biosensor
Kidney function screening prior to contrast enhanced imaging



Test Measured: ..... Blood Creatinine
Test Strip Volume: ..... 1.2 µL
Test Methodology: ..... Electrochemistry
Test Time: ..... 30 seconds

Sample Types:
Whole Blood: ..... Capillary, Arterial, Venous

Measurement Range:
Creatinine ..... 0.3-12.0 mg/dL (27-1056 µmol/L)

Operating Ranges:
Temperature: ..... 59°F-104°F (15°C-40°C)
Altitude: ..... Up to 15,000 ft (4,572 m)
Humidity: ..... 10%-90% relative humidity

Reagents and Strips:
Test Strips: ..... 2 vials of 25
QC: ..... 3 levels (sold separately)
Linearity: ..... 5 levels available
Test Strip Use Life: ..... 12 months from date of manufacture
3 months open-vial stability

StatStrip Uric Acid Biosensor*
Best biomarker for monitoring gout



Test Measured: ..... Uric Acid
Test Strip Volume: ..... 1.2 µL
Test Methodology: ..... Electrochemistry
Test Time: ..... 15 seconds

Sample Type:
Whole Blood: ..... Capillary

Measurement Range:
Uric Acid ..... 178.4-1190 µol/L (3.0-20.0 mg/dL)

Operating Ranges:
Temperature: ..... 59°F-104°F (15°C-40°C)
Altitude: ..... Up to 15,000 ft (4,572 m)
Humidity: ..... 10%-90% relative humidity

Reagents and Strips:
Test Strips: ..... 1 vial of 25
QC: ..... 3 levels (sold seperately)
Test Strip Use Life: ..... 24 months from date of manufacture
3 months open-vial stability

*Not yet available in the U.S. or Canada
**Not yet available in the U.S.

nova® biomedical

novabiomedical.com

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Specifications subject to change without notice.

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