at the bedside

EXPECTED VALUES

Reportable Range	Reference Range Arterial	Reference Range Venous
100-180 mmol/L (mEq/L)	138-146 mmol/L (mEq/L)	138-146 mmol/L (mEq/L)
2.0-9.0 mmol/L (mEq/L)	3.5-4.9 mmol/L (mEq/L	3.5-4.9 mmol/L (mEq/L)
65-140 mmol/L (mEq/L)	98-109 mmol/L (mEq/L)	98-109 mmol/L (mEq/L)
5-50 mmol/L (mEq/L)	23-27 mmol/L (mEq/L)	24-29 mmol/L (mEq/L)
(-10)-(+99) mmol/L (mEq/L)	10-20 mmol/L (mEq/L)	10-20 mmol/L (mEq/L)
0.25-2.50 mmol/L 1.0-10.0 mg/dL	1.12-1.32 mmol/L 4.5-5.3 mg/dL	1.12-1.32 mmol/L 4.5-5.3 mg/dL
1.1-38.9 mmol/L 20-700 mg/dL	3.9-5.8 mmol/L 70-105 mg/dL	3.9-5.8 mmol/L 70-105 mg/dL
3-140 mg/dL (BUN) 1-50 mmol/L (Urea)†	8-26 mg/dL (BUN) 2.9-9.4 mmol/L (Urea)†	8-26 mg/dL (BUN) 2.9-9.4 mmol/L (Urea)†
0.2-20.0 mg/dL 18-1768 µmol/L	0.6-1.3 mg/dL 53-115 µmol/L	0.6-1.3 mg/dL 53-115 µmol/L
0.30-20.00 mmol/L 2.7-180.2 mg/dL	0.36-1.25 mmol/L 3.2-11.3 mg/dL	0.90-1.70 mmol/L 8.1-15.3 mg/dL
10-75 %PCV 0.10-0.75 Fraction	38-51 %PCV 0.38-0.51 Fraction	38-51 %PCV 0.38-0.51 Fraction
3.4-25.5 g/dL 34-255 g/L	12-17 g/dL 120-170 g/L	12-17 g/dL 120-170 g/L
6.50-8.2	7.35-7.45	7.31-7.41
5-130 mmHg 0.67-17.33 kPa	35-45 mmHg 4.67-6.00 kPa	41-51 mmHg 5.47-6.80 kPa
5-800 mmHg 0.7-106.6 kPa	80-105 mmHg 10.7-14.0 kPa	
5-50 mmol/L (mEq/L)	23-27 mmol/L (mEq/L)	24-29 mmol/L (mEq/L)
1.0-85.0 mmol/L (mEq/L)	22-26 mmol/L (mEq/L)	23-28 mmol/L (mEq/L)
(-30)-(+30) mmol/L (mEq/L)	(-2)-(+3) mmol/L (mEq/L)	(-2)-(+3) mmol/L (mEq/L)
0-100 %	95-98 %	
50-1000 Seconds	74-137 Seconds (Prewrm) 82-152 Seconds (Nonwrm)	74-137 Seconds (Prewrm) 82-152 Seconds (Nonwrm)
50-1000 Seconds	74-125 Seconds (Prewrm) 84-139 Seconds (Nonwrm)	74-125 Seconds (Prewrm) 84-139 Seconds (Nonwrm)
0.9-8.0 INR**		
0.00-50.00 ng/mL (µg/L)		0.00-0.08 ng/mL (µg/L)***
0.0-150.0 ng/mL (µg/L)		0.0-3.5 ng/mL (µg/L)#
15-5000 pg/mL (ng/L)		<15-50 pg/mL (ng/L)#

* Calculated.
** Performance characteristics have not been established for INR values over 6.0.
*** Represents the 0-99% range of results.
# Represents the 0-95% range of results.
† Urea customisable to mg/dL and g/L.

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Point of Care

The i-STAT System:

Accelerating decision-making at the patient's bedside…

The fully automated *i-STAT System* offers a broad menu of tests for diagnostic and treatment indicators related to disease state management and clinical practice guidelines. Using just two or three drops of blood, the system provides time-sensitive tests at the patient's bedside in just minutes.

Benefits of the i-STAT System

- **Supports a patient-centric approach to health care** that accelerates patient care decision-making by reducing the time to get needed information to the clinicians
- **Optimises system efficiency** by eliminating process steps and handoffs to help reduce the incidence of errors and promote patient safety
- **Supports quality and compliance requirements** that complement the vital services that laboratory professionals provide to patients and their caregivers
- **Leverages the power of a single, integrated bedside testing solution through:**
  - a comprehensive menu of tests
  - a single testing system, rather than multiple systems and protocols
  - standardised lab-quality bedside testing
  - simplified implementation, training, and regulatory requirements
  - a system that is lightweight, portable, and easy to use

The *i-STAT System* complements the clinical laboratory's efforts by providing lab-quality results for the most commonly used tests while improving efficiency throughout the continuum of care.

Learn more about these and other technology, process, and service innovations at:
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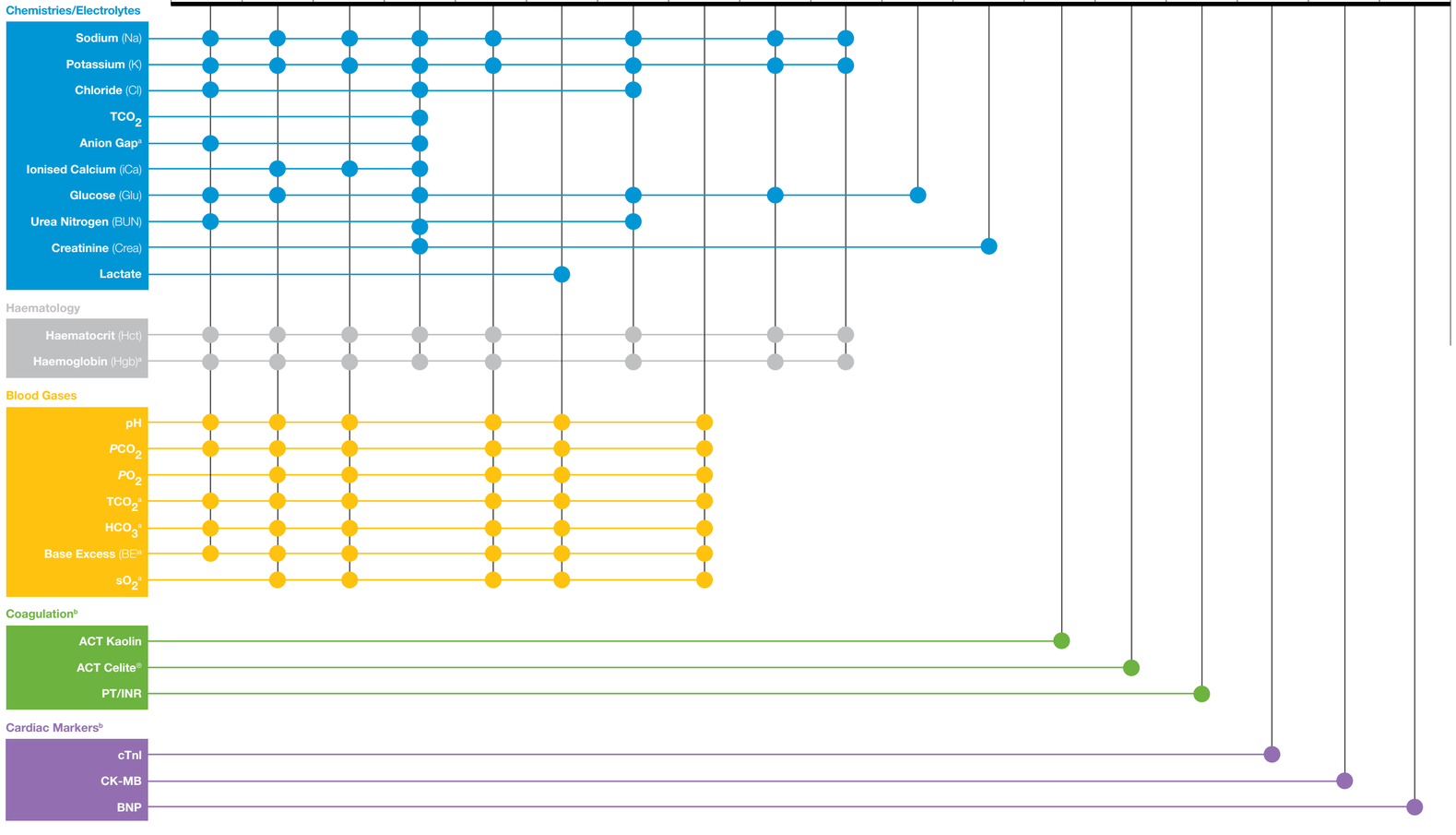
CARTRIDGES



ADDITIONAL SPECIFICATIONS

2 MONTH ROOM TEMPERATURE STORAGE

INTENDED USE

Coagulation

ACT Kaolin

The *i-STAT Kaolin Activated Clotting Time* (*Kaolin ACT*) test is an *in vitro* diagnostic test that uses fresh whole blood to monitor high-dose heparin anticoagulation frequently associated with cardiovascular surgery.

ACT Celite®

The *i-STAT Celite ACT* test is useful for monitoring patients receiving heparin for treatment of pulmonary embolism or venous thrombosis, and for monitoring anticoagulation therapy in patients undergoing medical procedures such as catheterisation, cardiac surgery, surgery, organ transplantation, and dialysis.

PT/INR

The *i-STAT PT*, a prothrombin time test, is useful for monitoring patients receiving oral anticoagulation therapy such as Coumadin® or warfarin.

Cardiac Markers

cTnI

The *i-STAT cTnI* test is an *in vitro* diagnostic test for the quantitative measurement of cardiac troponin I (cTnI) in whole blood or plasma samples. Measurements of cardiac troponin I are used in the diagnosis and treatment of myocardial infarction and as an aid in the risk stratification of patients with acute coronary syndromes with respect to their relative risk of mortality.

CK-MB

The *i-STAT CK-MB* test is an *in vitro* test for the quantitative measurement of creatine kinase MB mass in whole blood or plasma samples. CK-MB measurements can be used as an aid in the diagnosis and treatment of myocardial infarction (MI).

BNP

The *i-STAT BNP* test is an *in vitro* diagnostic test for the quantitative measurement of B-type natriuretic peptide (BNP) in whole blood or plasma samples using EDTA as the anticoagulant. BNP measurements can be used as an aid in the diagnosis and assessment of the severity of congestive heart failure.

See CTI sheets for full details at: www.abbottpointofcare.com

Coumadin is a registered trademark of Bristol-Myers Squibb.

[a] Calculated.
[b] See Intended Use on inside right panel.
Celite is a registered trademark of Celite Corporation, Santa Barbara, CA for its diatomaceous earth products.

* For *in vitro* diagnostic use only.

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