### Coagulation

- ACT Celite®
- ACT Kaolin

### Blood Gases

- pH
- O₂ (PaO₂)
- CO₂ (PaCO₂)
- sO₂

### Hematology

- Hemoglobin (Hgb)
- Hematocrit (Hct)
- Red Blood Cells
- White Blood Cells
- Platelet Count

### Chemistry/Electrolytes

- Sodium (Na)
- Potassium (K)
- Chloride (Cl)
- Anion Gap
- Ionized Calcium (iCa)
- Creatinine (Crea)
- Urea Nitrogen

### Diagnostics

- ACT Celite®
- ACT Kaolin

### Anion Gap

- Lactate
- CK-MB
- BNP
- cTnl

### Venous Range

- **Expected Values**

<table>
<thead>
<tr>
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<tbody>
<tr>
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### Arterial Range

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### 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 clinician.
- **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
  - Simplicity for implementation, training, and regulatory requirements
  - A system that is lightweight, portable, and easy to use

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**Expected Values**

- The 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.

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**A Comprehensive Menu of Tests in a Single Platform**

**At the bedside**

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**The i-STAT System**

**Accelerating decision-making at the patient’s bedside**...

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**The i-STAT System** complements the clinical laboratory’s efforts by reducing the incidence of errors and promoting patient safety.

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**Benefits of the i-STAT System**

- **Supports patient-centric approach to health care** that accelerates patient care decision-making by reducing the time to get needed information to the clinician.
- **Optimises system efficiency** by eliminating process steps and handoffs to help reduce the incidence of errors and promote patient safety.
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  - Standardised lab-quality bedside testing
  - Simplified implementation, training, and regulatory requirements
  - A system that is lightweight, portable, and easy to use
A wide range of cartridges for diagnostic testing*

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<td>CG6+</td>
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**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.

**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 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.

*For in vitro diagnostic use only.

**Intended Use**

- **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.

- **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 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

*See Intended Use on inside right panel.

**Calculations**

- Calculated.

**See Intended Use on inside right panel.

Celite is a registered trademark of Celite Corporation, Santa Barbara, CA for its diatomaceous earth products.