The i-STAT® System: Comprehensive Point-of-Care Testing

Accelerating Patient Care Decision-Making:

The i-STAT System is an advanced handheld diagnostic tool that provides real-time, lab-quality results within minutes.
## Electrolytes and Hematology

**EC4+**
- Results in 2 minutes
- Sodium (Na)
- Potassium (K)
- Glucose (Glu)
- Hematocrit (Hct)
- Hemoglobin (Hgb)

**EC6+**
- Results in 2 minutes
- Sodium (Na)
- Potassium (K)
- Cholesterol (Chol)
- Hemoglobin (Hgb)

**EC8+**
- Results in 2 minutes
- Sodium (Na)
- Potassium (K)
- Glucose (Glu)
- Hematocrit (Hct)
- Hemoglobin (Hgb)

**E3+**
- Results in 2 minutes
- Sodium (Na)
- Potassium (K)
- Hematocrit (Hct)
- Hemoglobin (Hgb)

**CHEM8+**
- Results in 2 minutes
- Sodium (Na)
- Potassium (K)
- Chloride (Cl)
- Ionized Calcium (Ca)
- TC0₂
- Glucose (Glu)
- Urea Nitrogen (BUN)/Urea
- Creatinine (Crea)
- Anion Gap (Agap)
- Hematocrit (Hct)
- Hemoglobin (Hgb)

## Blood Gas, Electrolytes and Hematology

**CG8+**
- Results in 2 minutes
- Sodium (Na)
- Potassium (K)
- Glucose (Glu)
- Hematocrit (Hct)
- Hemoglobin (Hgb)

**CG4+**
- Results in 2 minutes
- Sodium (Na)
- Potassium (K)
- pH
- PCO₂
- PO₂
- TC0₂
- HCO₃
- BE
- sO₂
- Lactate

**EG7+**
- Results in 2 minutes
- Sodium (Na)
- Potassium (K)
- Glucose (Glu)
- Hematocrit (Hct)
- Hemoglobin (Hgb)

**EG8+**
- Results in 2 minutes
- Sodium (Na)
- Potassium (K)
- pH
- PCO₂
- PO₂
- TC0₂
- HCO₃
- BE
- sO₂
- Hematocrit (Hct)
- Hemoglobin (Hgb)

**EG6+**
- Results in 2 minutes
- Sodium (Na)
- Potassium (K)
- pH
- PCO₂
- PO₂
- TC0₂
- HCO₃
- BE
- sO₂
- Hematocrit (Hct)
- Hemoglobin (Hgb)

---

For in vitro diagnostic use only.

*Calculated
Intended Use

**Lactate**
The test for lactate, as part of the *i-STAT* System, is intended for use in the *in vitro* quantification of lactate in arterial, venous, or capillary whole blood. The *i-STAT lactate test* is useful for (1) the diagnosis and treatment of lactic acidosis in conjunction with measurements of blood acid/base status, (2) monitoring tissue hypoxia and strenuous physical exertion, and (3) diagnosis of hyperlactatemia.

**cTnI**
The *i-STAT* cardiac troponin I (cTnI) test is an *in vitro* diagnostic test for the quantitative measurement of cardiac troponin I (cTnI) in whole blood or plasma. 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* diagnostic 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).

See CTI sheets for full details at abbottpointofcare.com

**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.

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

**ACT Celite®**
The *i-STAT* Celite Activated Clotting Time (*Celite ACT*) test is an *in vitro* diagnostic test that uses fresh, whole blood, and 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 catheterization, cardiac surgery, surgery, organ transplant, 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.

The *i-STAT* System provides diagnostic testing in four easy steps

**Step 1:** Insert two or three drops of blood into the cartridge

**Step 2:** Insert the cartridge into the handheld

**Step 3:** View the results on the handheld screen within minutes

**Step 4:** Upload information automatically into the LIS/HIS
The i-STAT® System:
Leverage the power of a single, integrated point-of-care testing solution

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 2 or 3 drops of blood, the system provides time-sensitive tests at the patient’s side in just minutes.

**Benefits of the i-STAT System**

- **Real-time, lab-quality results within minutes**
  provide accurate results for a wide range of tests right in patient care settings

- **Supports a patient-centric approach to health care**
  that accelerates patient care decision-making by reducing the time needed to get vital information to clinicians

- **Broad and expanding range of tests with one platform**
  is ideal for meeting various medical practice needs

- **Optimizes system efficiency**
  by eliminating process steps and handoffs to help reduce the incidence of errors and promote patient safety

**For in vitro diagnostic use only.**

*Coumadin* is a registered trademark of Bristol-Myers Squibb.

© Abbott Point of Care Inc.
400 College Road East, Princeton, NJ 08540
(609) 454-9000   (609) 419-9370 (fax)
www.abbottpointofcare.com

*i-STAT* is a registered trademark of the Abbott group of companies in various jurisdictions.

Ambulatory Care Core Visual Aid 026257 Rev B 05/12

---

**i-STAT System Waived Kit (04J60-20) and Non-waived Kit (04J48-50) include:**

- *i-STAT* handheld
- Printer
- Simulator
- Downloader
- Manual

**For CPT codes, please visit www.codemap.com/abbott.**

To learn more about how our technology, process, and service innovations can help your facility meet its goals, contact your *i-STAT* or Distribution Representative, or visit www.abbottpointofcare.com.