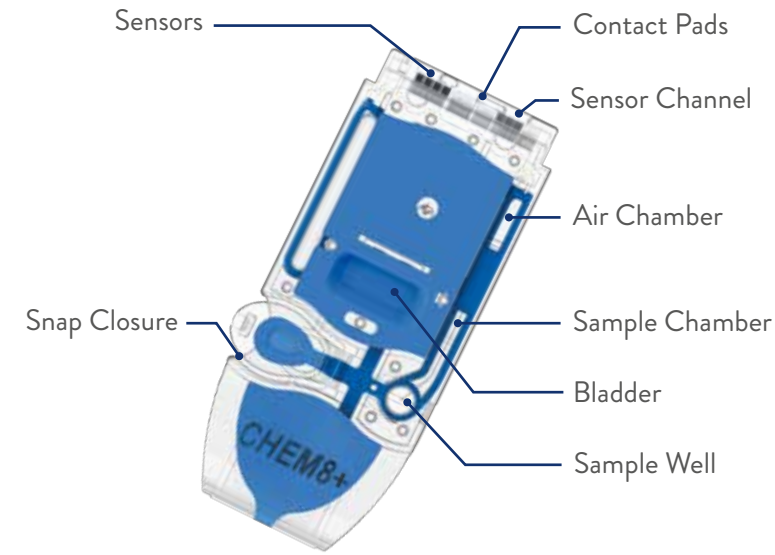


# COMPONENTS OF A FULL-SCALE LAB ANALYSER IN A COMPACT CARTRIDGE.

Each cartridge has a unique combination of biosensors for a wide range of specific assays:

- Automatically monitors over 150 factors, such as air bubbles, clotted samples, and calibrant flow, to ensure high-quality, consistent results



*i-STAT* Advanced Quality Features (AQF) provides tight control of the POC testing program. Customisable features include:

- Liquid Quality Control (QC) Pass/Fail Determination
- Liquid QC Scheduling and Lockout
- Customisable Reportable Ranges
- Positive Patient Identification\*
- Operator Competency Notification

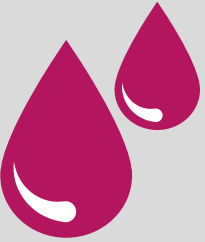
\*Available on certain data management systems

# BE THERE. BE CONFIDENT. WITH *i-STAT*.


The *i-STAT* System single-use cartridges are designed to reduce the problems multi-use systems face with poor quality and/or clotted samples:

- Each unique *i-STAT* System cartridge contains chemically sensitive biosensors on a silicon chip that are configured for specific analytes
- Quality checks of sample integrity, sensors, and fluidics are automatic with each single-use *i-STAT* cartridge, providing confidence and advanced performance
- Liquid quality control can be seamlessly integrated into the testing process by customisable user lockout, ensuring compliance with quality systems


To further drive efficiency, the *i-STAT* System delivers diagnostic testing and record-keeping in four easy steps:




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



**STEP 2**  
Close and insert the cartridge into the *i-STAT*



**STEP 3**  
View the results on the *i-STAT* screen within minutes

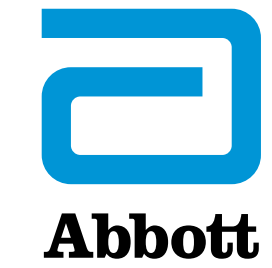


**STEP 4**  
Upload information into the LIS/HIS

Learn more about these and other technology, process, and service innovations at: [www.abbottpointofcare.com](http://www.abbottpointofcare.com)

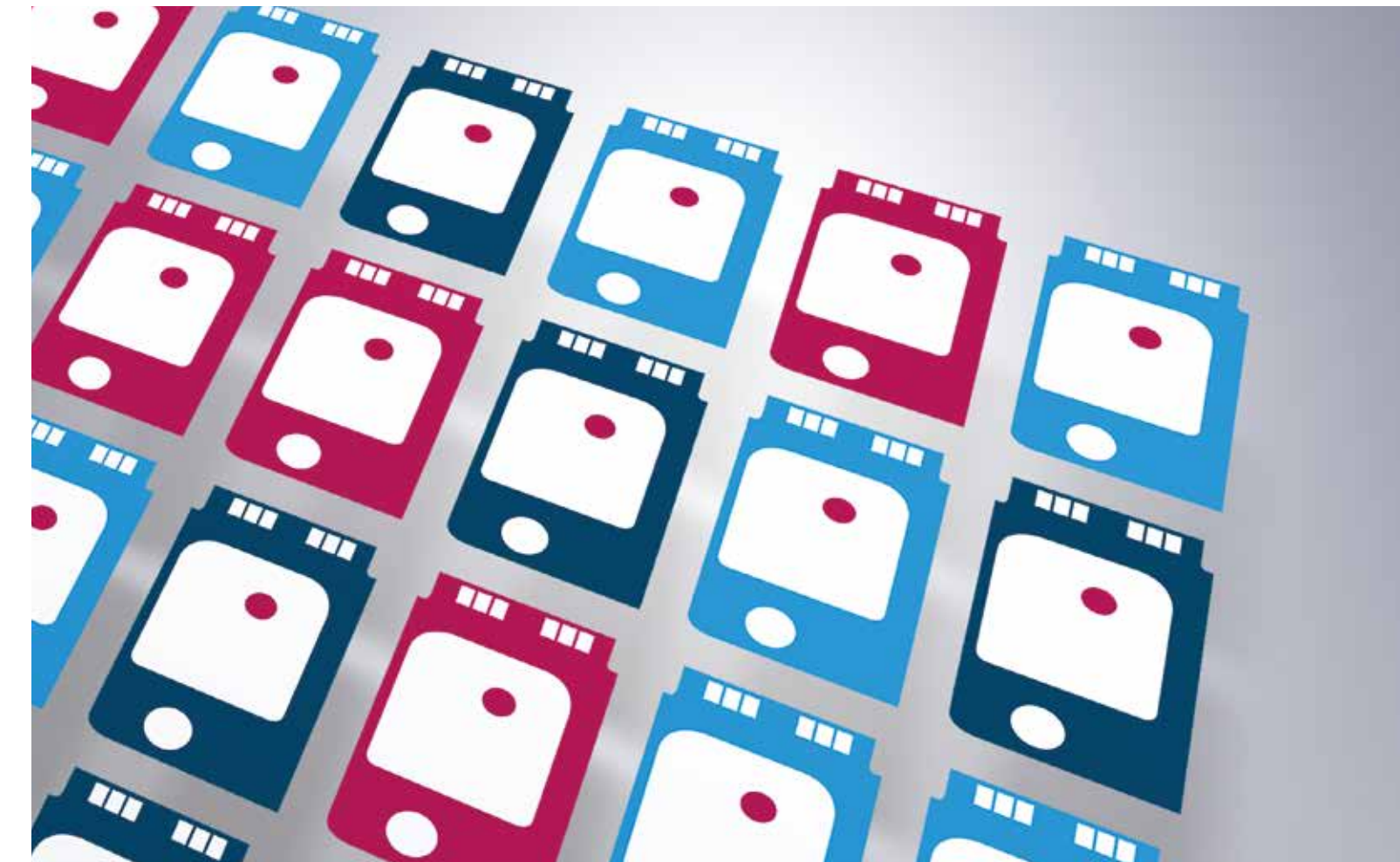
LIS – laboratory information system  
HIS – hospital information system

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[www.abbottpointofcare.com](http://www.abbottpointofcare.com)  
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*i-STAT* Cartridge Menu Brochure International 047333 REV A 11/16



## *i-STAT* CARTRIDGE MENU

The most comprehensive menu of tests in a single platform



PORTABLE BLOOD ANALYSER

# *i-STAT*® System

BE THERE. BE CONFIDENT.

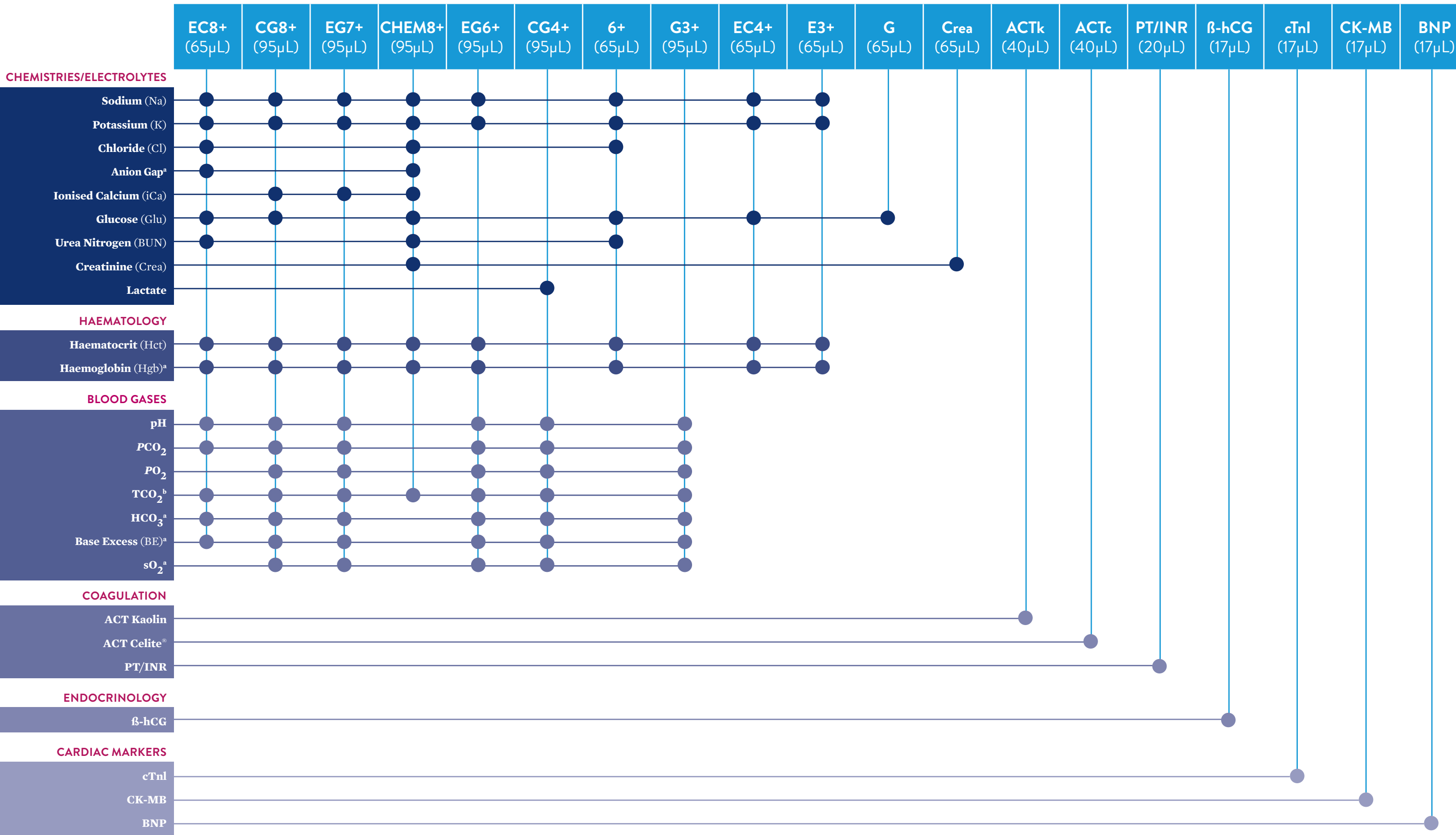


# COMPREHENSIVE, YET PORTABLE, THE i-STAT SYSTEM

# INCLUDES THE MOST COMMONLY ORDERED TESTS.

# GIVING RESULTS YOU UNDERSTAND AND TRUST.

## CARTRIDGES



## EXPECTED VALUES

Reportable Range	Sample type	Anticoagulants	Time to result (minutes)
100-180 mmol/L (mEq/L)	●●	With Li or balanced heparin anticoagulant	2
2.0-9.0 mmol/L (mEq/L)	●●	With Li or balanced heparin anticoagulant	2
65-140 mmol/L (mEq/L)	●●	With Li or balanced heparin anticoagulant	2
(-10)-(+99) mmol/L (mEq/L)	●●	With Li or balanced heparin anticoagulant	2
0.25-2.50 mmol/L 1.0-10.0 mg/dL	●●	Without anticoagulant. With balanced heparin anticoagulant	2
1.1-38.9 mmol/L 20-700 mg/dL	●●	With Li or balanced heparin anticoagulant	2
3-140 mg/dL (BUN) 1-50 mmol/L (Urea)	●●	With Li or balanced heparin anticoagulant	2
0.2-20.0 mg/dL 18-1768 µmol/L	●●	With Li or balanced heparin anticoagulant	2
0.30-20.00 mmol/L 2.7-180.2 mg/dL	●●	With Li or balanced heparin anticoagulant	2
15-75 % PCV 0.15-0.75 Fraction	●●	With Li or balanced heparin anticoagulant	2
5.1-25.5 g/dL 51-255 g/L	●●	With Li or balanced heparin anticoagulant	2
6.50-8.20	●●	With Li or balanced heparin anticoagulant	2
5-130 mmHg 0.67-17.33 kPa	●●	With Li or balanced heparin anticoagulant	2
5-800 mmHg 0.7-106.6 kPa	●●	With Li or balanced heparin anticoagulant	2
5-50 mmol/L (mEq/L)	●●	With Li or balanced heparin anticoagulant	2
1.0-85.0 mmol/L (mEq/L)	●●	With Li or balanced heparin anticoagulant	2
(-30)-(+30) mmol/L (mEq/L)	●●	With Li or balanced heparin anticoagulant	2
0-100%	●●	With Li or balanced heparin anticoagulant	2
50-1000 Seconds	●	Without anticoagulant ONLY	maximum 16.7
50-1000 Seconds	●	Without anticoagulant ONLY	maximum 16.7
0.9-8.0 INR*	●	Without anticoagulant ONLY	maximum 5
5.0-2000.0 IU/L	●●	With Na or Li heparin anticoagulant	10
0.00-50.00 ng/mL (µg/L)	●●	With Na or Li heparin anticoagulant	10
0.0-150.0 ng/mL (µg/L)	●●	With Na or Li heparin anticoagulant	5
15-5000 pg/mL (ng/L)	●	With EDTA anticoagulant	10

<sup>a</sup> Calculated. <sup>b</sup> TCO<sub>2</sub> is measured on the CHEM8+ cartridge and calculated on all others. Celite is a registered trademark of Celite Corporation, Santa Barbara, CA for its diatomaceous earth products. For *in vitro* diagnostic use only. Note: Not all cartridge types are available in all regions. Check with your local representative for availability in specific markets. **This brochure is to be used only outside of the United States.**

### INTENDED USE

See CTI sheets at [www.abbottpointofcare.com](http://www.abbottpointofcare.com) for complete product information.

● Whole blood, venous, capillary, or arterial blood ● Whole blood, venous or arterial ● Skin puncture ● Heparinised whole blood or plasma ● Non-heparinised whole blood tested within one minute of patient draw ● EDTA whole blood or plasma samples

\* Performance characteristics have not been established for INRs above 6.0.