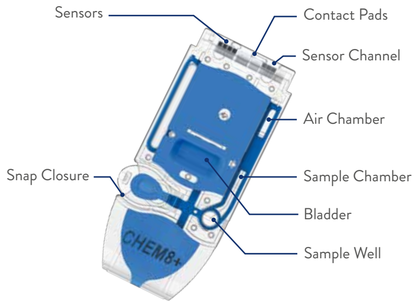
COMPONENTS OF A FULL-SCALE LAB ANALYSER IN A COMPACT CARTRIDGE.

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 ADVANCE QUALITY FEATURES (AQF) provide 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 analyser*

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

STEP 4
Upload information into the LIS/HIS

LEARN MORE ABOUT THE i-STAT SYSTEM AT: **WWW.POINTOFCARE.ABBOTT**

LIS – laboratory information system
HIS – hospital information system

FOR *IN VITRO* DIAGNOSTIC USE ONLY.

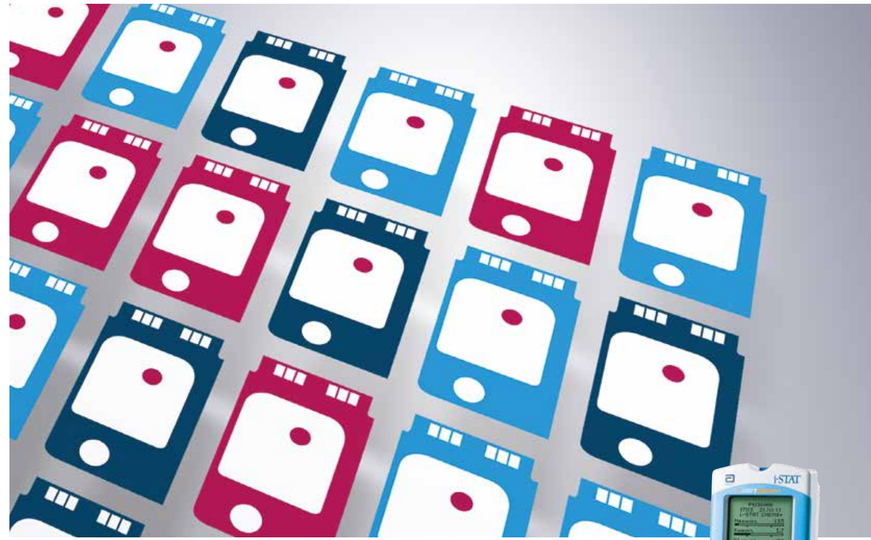
i-STAT Cartridge Menu Brochure International 1736.REV4 09/21

Abbott

Abbott

i-STAT CARTRIDGE MENU

THE MOST COMPREHENSIVE MENU OF TESTS IN A SINGLE PLATFORM



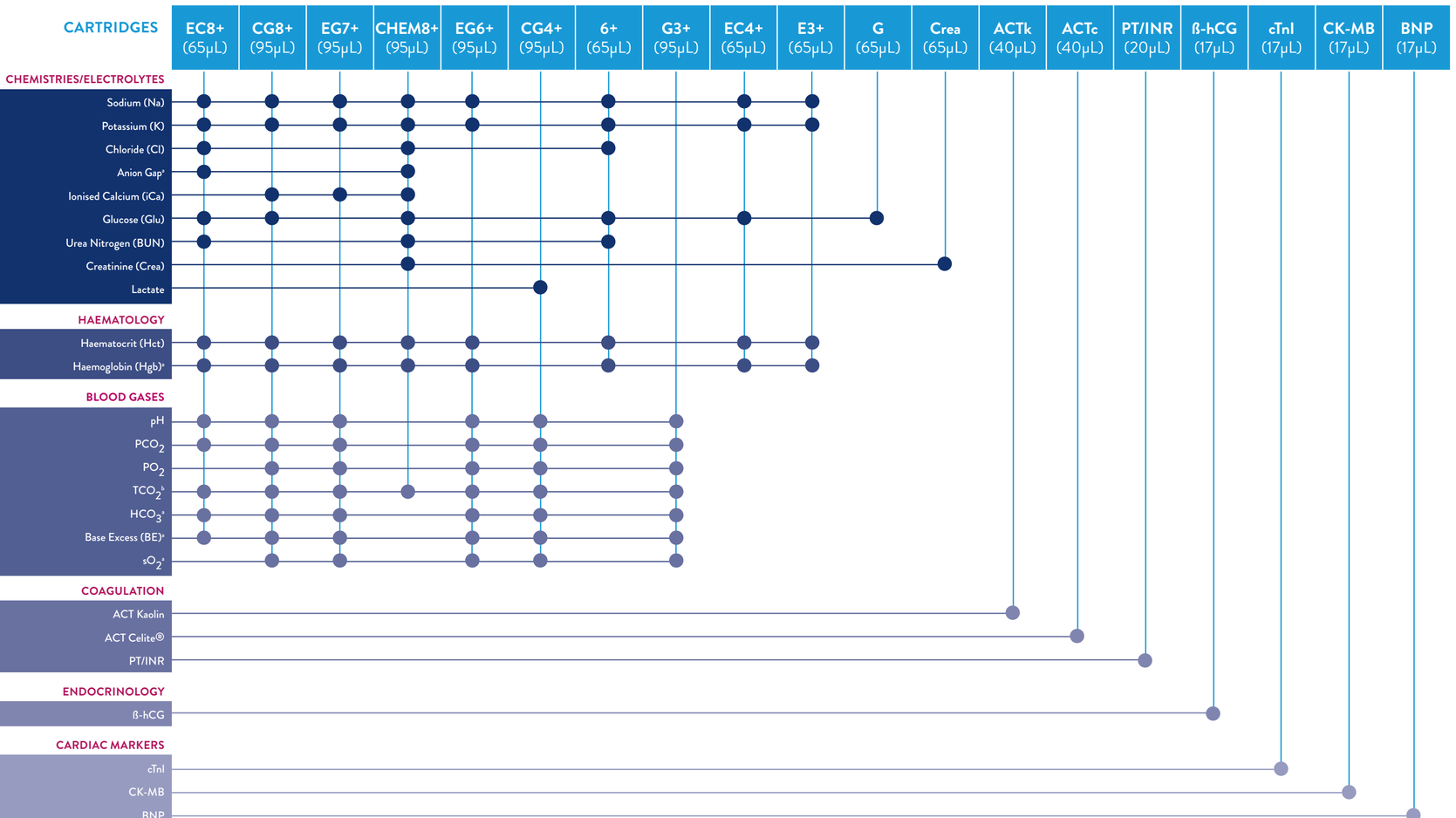
PORTABLE BLOOD ANALYSER

i-STAT System

BE THERE. BE CONFIDENT.

COMPREHENSIVE, YET PORTABLE, THE i-STAT SYSTEM

INCLUDES THE MOST COMMONLY ORDERED TESTS



[a] Calculated. [b] TCO_2 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 ONLY TO BE USED OUTSIDE OF THE UNITED STATES.

INTENDED USE

SEE CTI SHEETS AT WWW.POINTOFCARE.ABBOTT FOR COMPLETE PRODUCT INFORMATION.

GIVING RESULTS YOU UNDERSTAND AND TRUST

EXPECTED VALUES

ANALYTE	REPORTABLE RANGE	APPROXIMATE TIME TO RESULT	i-STAT TEST CARTRIDGGES
Sodium (Na)	100-180 mmol/L (mEq/L)	2 minutes	EC8+, CG8+, EG7+, CHEM8+, EG6+, 6+, EC4+, E3+
Potassium (K)	2.0-9.0 mmol/L (mEq/L)	2 minutes	EC8+, CG8+, EG7+, CHEM8+, EG6+, 6+, EC4+, E3+
Chloride (Cl)	65-140 mmol/L (mEq/L)	2 minutes	EC8+, CHEM8+, 6+
Anion Gap[a]	(-10)-(+99) mmol/L (mEq/L)	2 minutes	EC8+, CHEM8+
Ionised Calcium (iCa)	0.25-2.50 mmol/L 1.0-10.0 mg/dL	2 minutes	CG8+, EG7+, CHEM8+
Glucose (Glu)	1.1-38.9 mmol/L 20-700 mg/dL	2 minutes	EC8+, CG8+, CHEM8+, 6+, EC4+, G
Urea Nitrogen (BUN)	3-140 mg/dL (BUN) 1-50 mmol/L (Urea)	2 minutes	EC8+, CHEM8+, 6+,
Creatinine (Crea)	0.2-20.0 mg/dL 18-1768 µmol/L	2 minutes	CHEM8+, CREA
Lactate	0.30-20.00 mmol/L 2.7-180.2 mg/dL	2 minutes	CG4+
Haematocrit (Hct)	15-75 % PCV 0.15-0.75 Fraction	2 minutes	EC8+, CG8+, EG7+, CHEM8+, EG6+, 6+, EC4+, E3+
Haemoglobin (Hgb)[a]	5.1-25.5 g/dL 51-255 g/L	2 minutes	EC8+, CG8+, EG7+, CHEM8+, EG6+, 6+, EC4+, E3+
pH	6.50-8.20	2 minutes	EC8+, CG8+, EG7+, EG6+, CG4+, G3+
PCO_2	5-130 mmHg 0.67-17.33 kPa	2 minutes	EC8+, CG8+, EG7+, EG6+, CG4+, G3+
PO_2	5-800 mmHg 0.7-106.6 kPa	2 minutes	CG8+, EG7+, EG6+, CG4+, G3+
TCO_2[b]	5-50 mmol/L (mEq/L)	2 minutes	EC8+, CG8+, CHEM8+, EG7+, EG6+, CG4+, G3+
HCO_3[a]	1.0-85.0 mmol/L (mEq/L)	2 minutes	EC8+, CG8+, EG7+, EG6+, CG4+, G3+
Base Excess (BE)[a]	(-30)-(+30) mmol/L (mEq/L)	2 minutes	EC8+, CG8+, EG7+, EG6+, CG4+, G3+
sO_2[a]	0-100%	2 minutes	CG8+, EG7+, EG6+, CG4+, G3+
ACT Kaolin	50-1000 Seconds	maximum 16.7 minutes	ACT k
ACT Celite®	50-1000 Seconds	maximum 16.7 minutes	ACT c
PT/INR	0.9-8.0 INR*	maximum 5 minutes	PT/INR
ß-hCG	5.0-2000.0 IU/L	10 minutes	Total ß-hCG
cTnI	0.00-50.00 ng/mL (µg/L)	10 minutes	cTnI
CK-MB	0.0-150.0 ng/mL (µg/L)	5 minutes	CK-MB
BNP	15-5000 pg/mL (ng/L)	10 minutes	BNP

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