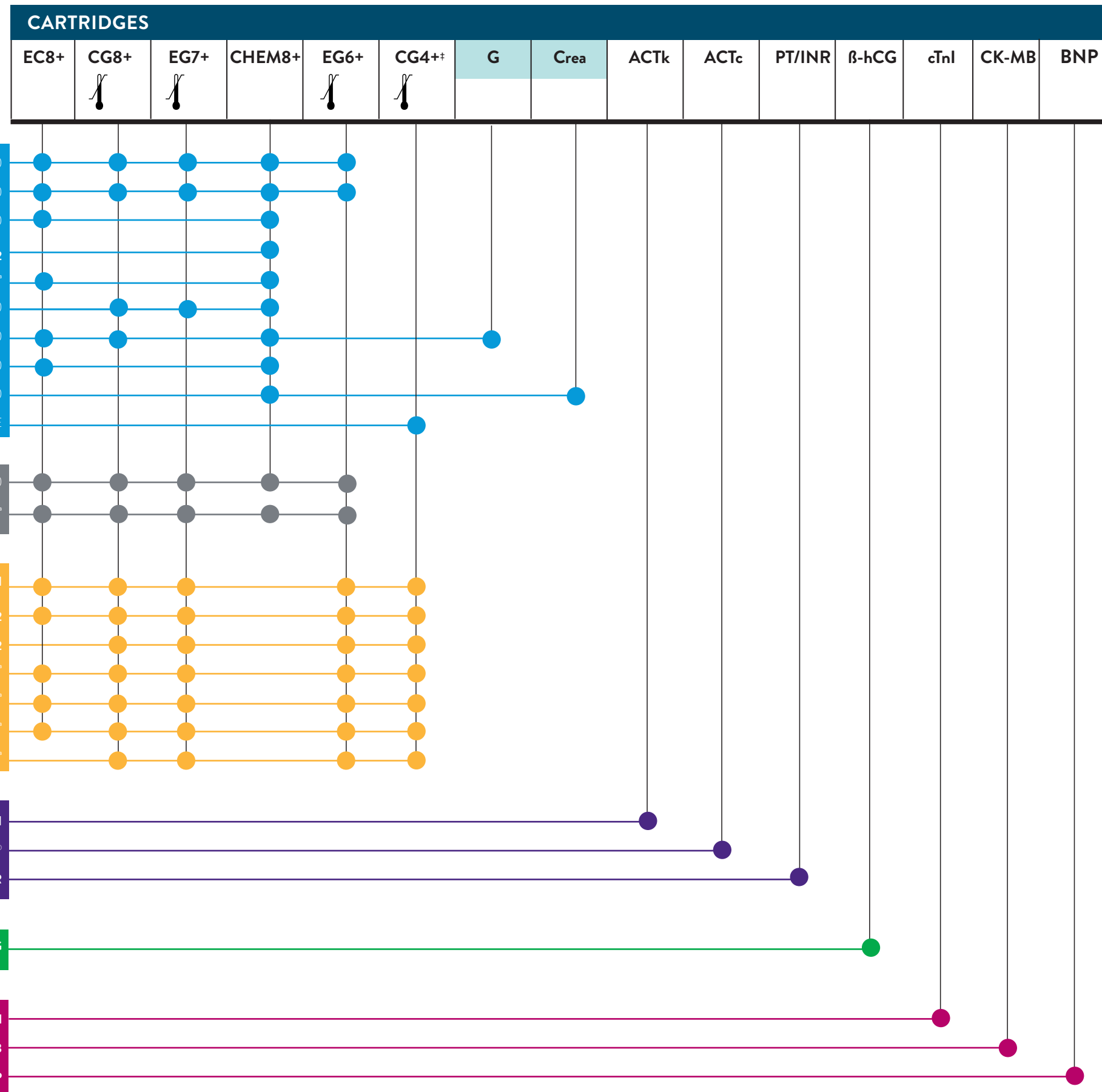




PROVIDING LAB-QUALITY RESULTS IN MINUTES: CARTRIDGES TO MEET A WIDE RANGE OF CLINICAL NEEDS

Abbott



*Calculated-note that TCO₂ is measured on CHEM8+ cartridge and calculated on all others.

†See Intended Use information at right

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● = CLIA waived: granted waived status for lithium heparin whole-blood venous samples only collected in a lithium heparin evacuated tube.

THIS TEST MENU IS INTENDED FOR USE ONLY IN THE UNITED STATES
FOR IN VITRO DIAGNOSTIC USE ONLY

EXPECTED VALUES & TIME TO RESULT					
ANALYTE	REPORTABLE RANGE	REFERENCE RANGE, ARTERIAL	REFERENCE RANGE, VENOUS	APPROX. TIME TO RESULT	i-STAT TEST CARTRIDGES
Sodium (Na)	100-180 mmol/L	138-146 mmol/L	138-146 mmol/L	2 min	EC8+, CG8+, EG7+, CHEM8+, EG6+
Potassium (K)	2.0-9.0 mmol/L	3.5-4.9 mmol/L	3.5-4.9 mmol/L	2 min	EC8+, CG8+, EG7+, CHEM8+, EG6+
Chloride (Cl)	65-140 mmol/L	98-109 mmol/L	98-109 mmol/L	2 min	EC8+, CHEM8+
TCO ₂	5-50 mmol/L	23-27 mmol/L	24-29 mmol/L	2 min	CHEM8+
Anion Gap*	(-10)-(+99) mmol/L	10-20 mmol/L	10-20 mmol/L	2 min	EC8+, CHEM8+
Ionized Calcium (iCa)	0.25-2.50 mmol/L	1.12-1.32 mmol/L	1.12-1.32 mmol/L	2 min	CG8+, EG7+, CHEM8+
Glucose (Glu)	20-700 mg/dL	70-105 mg/dL	70-105 mg/dL	2 min	EC8+, CG8+, CHEM8+, G
Urea Nitrogen (BUN)	3-140 mg/dL	8-26 mg/dL	8-26 mg/dL	2 min	EC8+, CHEM8+
Creatinine (Crea)	0.2-20.0 mg/dL	0.6-1.3 mg/dL	0.6-1.3 mg/dL	2 min	CHEM8+, CREA
Lactate ^b	0.30-20.0 mmol/L	0.36-1.25 mmol/L	0.90-1.70 mmol/L	2 min.	CG4+
Hematocrit (Hct)	15-75 %PCV	38-51 %PCV	38-51 %PCV	2 min	EC8+, CG8+, EG7+, CHEM8+, EG6+
Hemoglobin (Hgb)*	5.1-25.5 g/dL	12-17 g/dL	12-17 g/dL	2 min	EC8+, CG8+, EG7+, CHEM8+, EG6+
pH [‡]	6.50-8.20 [‡]	7.35-7.45	7.31-7.41	2 min	EC8+, CG8+, EG7+, CG4+, EG6+
PCO ₂ ‡	5-130 mmHg [‡]	35-45 mmHg	41-51 mmHg	2 min	EC8+, CG8+, EG7+, EG6+, CG4+, EG6+
PO ₂ ‡	5-800 mmHg [‡]	80-105 mmHg		2 min	CG8+, EG7+, EG6+, CG4+, EG6+
TCO ₂ ‡	5-50 mmol/L	23-27 mmol/L	24-29 mmol/L	2 min	EC8+, CG8+, EG7+, EG6+, CG4+, EG6+
HCO ₃ ‡	1.0-85.0 mmol/L	22-26 mmol/L	23-28 mmol/L	2 min	EC8+, CG8+, EG7+, EG6+, CG4+, EG6+
Base Excess (BE) ^a	(-30)-(+30) mmol/L	(-2)-(+3) mmol/L	(-2)-(+3) mmol/L	2 min	EC8+, CG8+, EG7+, EG6+, CG4+, EG6+
sO ₂ ‡	0-100 %	95-98 %		2 min	CG8+, EG7+, EG6+, CG4+, EG6+
ACT Kaolin	50-1000 Seconds	74-137 Seconds (Prewrm)	74-137 Sec. (Prewrm)	Max 16.7 min	ACT k
ACT Celite®	50-1000 Seconds	74-125 Seconds (Prewrm)	74-125 Sec. (Prewrm)	Max 16.7 min	ACT c
PT/INR	0.9-8.0 INR ^c			Max 16.7 min	PT/INR
β-hCG	5.0-2000.0 IU/L		<5 IU/L	10 min	Total β-hCG
cTnI	0.00-50.00 ng/mL		0.00-0.08 ng/mL ^d	10 min	cTnI
CK-MB	0.0-150.0 ng/mL		0.0-3.5 ng/mL ^e	5 min	CK-MB
BNP	15-5000 pg/mL		<15-50 pg/mL ^e	10 min	BNP

‡ Reportable ranges for the (blue) CG4+ cartridge are: pH = 7.00-7.70; PO₂ = 15-530; PCO₂ = 15-130

^a Performance characteristics have not been established for INR values over 6.0.

^d Represents the 0-99% range of results.

^e Represents the 0-95% range of results.

2-MONTH, ROOM-TEMPERATURE STORAGE

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FOR COMPLETE TEST CARTRIDGE INFORMATION AND INSTRUCTIONS FOR USE, REFER TO THE CARTRIDGE & TEST INFORMATION SHEETS AT WWW.POINTOF CARE.ABBOTT

INTENDED USE

LACTATE

The *i-STAT* CG4+ cartridge with the *i-STAT* 1 System is intended for use in the *in vitro* quantification of pH, PO₂, PCO₂, and lactate in arterial or venous whole blood in point of care or clinical laboratory settings. pH, PO₂, and PCO₂ measurements are used in the diagnosis, monitoring, and treatment of respiratory disturbances and metabolic and respiratory-based acid-base disturbances. Lactate measurements are used in (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.

COAGULATION

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

ENDOCRINOLOGY

β-hCG

The *i-STAT* Total Beta-Human Chorionic Gonadotropin (β-hCG) test is an *in vitro* diagnostic test for the quantitative and qualitative determination of β-hCG in venous whole blood or plasma samples using the *i-STAT* 1 Analyzer Systems. The test is intended to be used as an aid in the early detection of pregnancy and is for prescription use only.

CARDIAC MARKERS

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).

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.