

Chemistry	Catalog No.	Tests/Kit	Sample Size	Useable Range	Calibrator Catalog No.	On-Inst. Stability	Calibration Frequency	Method
<b>CARDIAC RISK</b>								
APO A1	CC632	2 X 60/120	3 µL	20-300 mg/dL	CC008	30 days	14 days	Immunoturbidimetric
APO B	CC633	2 x 60/120	3 µL	25-250 mg/dL	CC008	30 days	14 days	Immunoturbidimetric
CRPS	CC643	2 X 60/120	5 µL	0.005-1.00 mg/dL	CC061	30 days	14 days	Immunoturbidimetric
HDL (Barcoded)	CC616	2 x 200/400	3 µL	1-135 mg/dL	650218	60 days	30 days	Homogeneous
HOMOCYSTEINE w/cal	CC202	2 x 60/120	13 µL	1-50 µmol/L	Included	30 days	14 days	Enzymatic
LDL-DIRECT w/cal	CC661	2 x 110/220	3 µL	0-700 mg/dL	Included	30 days	14 days	Homogeneous
LP(a)	CC204	2 x 250/500	10 µL	5-150 mg/dL	CC018	30 days	14 days	Immunoturbidimetric
<b>PROTEINS/SEROLOGY</b>								
ASO	CC631	2 X 60/120	15 µL	50-1000 U/mL	CC028	14 days	24 hours	Immunoturbidimetric
CRP	CC630	2 X 60/120	12 µL	0.1-25 mg/dL	CC019	30 days	14 days	Immunoturbidimetric
C3	CC634	2 X 60/120	5 µL	30-350 mg/dL	CC016	30 days	14 days	Immunoturbidimetric
C4	CC635	2 x 60/120	5 µL	6-80 mg/dL	CC016	30 days	14 days	Immunoturbidimetric
HAPTOGLOBIN	CC640	2 x 60/120	3 µL	20-280 mg/dL	CC016	30 days	14 days	Immunoturbidimetric
IGA	CC637	2 x 60/120	5 µL	20-800 mg/dL	CC016	30 days	14 days	Immunoturbidimetric
IGG	CC636	2 x 60/120	3 µL	100-4500 mg/dL	CC016	30 days	14 days	Immunoturbidimetric
IGM	CC638	2 x 60/120	5 µL	10-350 mg/dL	CC016	30 days	14 days	Immunoturbidimetric
MICRO ALBUMIN	CC662	2 x 60/120	11 µL	0.07-30 mg/dL	CC020	30 days	14 days	Immunoturbidimetric
MICRO TOTAL PROTEIN	CC256	2 x 50/100	4 µL	3-200 mg/dL	Included	30 days	7 days	Pyrogallol Red
PREALBUMIN	CC639	2 x 60/120	5 µL	0.0-60.0 mg/dL	CC044	30 days	14 days	Immunoturbidimetric
RHEUMATOID FACTOR	CC629	2 x 60/120	15 µL	5-320 IU/mL	CC032	30 days	7 days	Immunoturbidimetric
TRANSFERRIN	CC641	2 x 60/120	3 µL	45-455 mg/dL	CC016	30 days	14 days	Immunoturbidimetric
WIDE RANGE SSCRP	CC645	2 x 100/200	5 µL	0.10-160.0 mg/L	CC062	30 days	14 days	Immunoturbidimetric
<b>DRUGS</b>								
ACETAMINOPHEN w/cal	CC610	2 x 50/100	5 µL	3-380 mg/dL	Included	30 days	7 days	Enzymatic
ALCOHOL w/cal	CC652	2 x 40/80	3 µL	10-600 mg/dL	Included	30 days	4 days	Enzymatic
LITHIUM	CC655	2 x 70/140	6 µL	0.2-5.0 mmol/L	Included	30 days	4 days	Enzymatic
<b>DRUGS OF ABUSE</b>								
				<b>Cutoff Level</b>				
AMPHETAMINES	CC412	250	20 µL	1000 ng/mL	474970/474973	90 days	14 days	Enzyme Immunoassay
BARBITURATES	CC417	250	10 µL	200 ng/mL	474970/474973	90 days	14 days	Enzyme Immunoassay
BENZODIAZEPINE	CC418	250	20 µL	200 ng/mL	474970/474973	90 days	14 days	Enzyme Immunoassay
CANNABINOID 50ng	CC410	250	25 µL	50 ng/mL	445809/445811	90 days	14 days	Enzyme Immunoassay
COCAINE METABOLITE	CC413	250	20 µL	300 ng/mL	474970/474973	90 days	14 days	Enzyme Immunoassay
METHADONE	CC415	250	10 µL	300 ng/mL	474970/474973	90 days	14 days	Enzyme Immunoassay
OPIATE	CC411	250	20 µL	300 ng/mL	474982/474985	90 days	14 days	Enzyme Immunoassay
PHENCYCLIDINE	CC414	250	20 µL	25 ng/mL	474970/474973	90 days	14 days	Enzyme Immunoassay
PROPOXYPHENE	CC416	250	10 µL	300 ng/mL	474970/474973	90 days	14 days	Enzyme Immunoassay



# Quick Reference Guide

Reagents for CX<sup>®</sup>9, CX<sup>®</sup>7, CX<sup>®</sup>5, CX<sup>®</sup>4, LX<sup>®</sup>20:

Carolina Liquid Chemistries Corp.  
510 West Central Avenue, Suite C  
Brea, CA 92821 • Tel: 800-471-7272

## Synchron CX<sup>®</sup> Reagents

Chemistry	Catalog No.	Sample Tests/Kit	Sample Size	Useable Range	Precision	On-Inst. Stability	Calibration Frequency	Method
ALB	CC214	2 X 300/600	3µL	1.0-7.0 g/dL	2%	30 days	14 days	BCP
ALB (UDR)	CC224	2 X 300/600	3 µL	1.0-7.0 g/dL	2%	30 days	14 days	BCG
ALP	CC206	2 x 200/400	5µL	5.0-1000.0 IU/L	3%	10 days	Not required	IFCC
ALT	CC240	2 x 200/400	23 µL	5.0-400.0 IU/L	4%	30 days	Not required	Henry
AMMONIA	CC664	2 x 50/100	25 µL	0-600 µmol/L	2%	15 days	4 days	Enzymatic
AMY (UDR)	CC227	2 x 200/400	5 µL	5-2000 U/L	2%	30 days	Not required	CNPG3
AST	CC241	2 x 200/400	23 µL	5.0-400.0 IU/L	3%	30 days	Not required	Henry
BUN	CC252	2 x 300/600	3 µL	5.0-100.0 mg/dL	2%	30 days	Daily	Enzymatic (Urease)
CA	CC251	2 x 300/600	3 µL	2.0-15.0 mg/dL	2%	30 days	14 days	Arsenazo III
CHOL	CC211	2 x 300/600	3 µL	5.0-628.0 mg/dL	2%	30 days	14 days	Enzymatic
CK	CC207	2 x 200/400	13 µL	5.0-1200.0 IU/L	3%	30 days	Not required	Szasz
CREA	CC243	2 x 300/600	20 µL	0.3-25.0 mg/dL	2%	20 days	7 days	Rate Jaffe
DBIL	CC229	2 X 200/400	10 µL	0.01-10 mg/dL	4%	30 days	14 days	Diazo
FE w/cal	CC618	2 x 200/400	25 µL	5-500 µg/dL	2%	30 days	14 days	Ferrozine
FRUCTOSAMINE	CC612	2 x 40/80	20 µL	1.0-10.0 mmol/L	2%	15 days	4 days	NBT
GGT	CC209	2 x 200/400	13 µL	5.0-740.0 IU/L	2%	21 days	Not required	Szasz
GLU	CC208	2 x 300/600	3 µL	5.0-700.0 mg/dL	2%	30 days	14 days	UV Hexokinase
IBCT w/ columns	CC659	2 X 100/200	25 µL	5-1000 µg/dL	3%	30 days	14 days	Ferrozine
LACTATE	CC672	2 x 50/100	3 µL	0.0-20.0 mmol/L	3%	30 days	14 days	Enzymatic
LD	CC205	2 x 200/400	13 µL	5.0-750.0 IU/L	3%	30 days	Not required	Lactate to Pyruvate
LIPASE w/cal	CC621	2 x 50/100	4 µL	5-250 U/L	6%	30 days	14 days	Colorimetric
MG (UDR)	CC220	2 x 200/400	4 µL	0.1-7.0 mg/dL	2%	30 days	7 days	Arsenazo
PHOS (PO4)	CC218	2 x 300/600	4 µL	1.0-10.0 mg/dL	2%	30 days	14 days	Phosphomolybdate
TBIL	CC228	2 x 300/600	8 µL	0.1-30 mg/dL	4%	30 days	14 days	Diazo
TP	CC217	2 x 300/600	6 µL	3.0-12.0 g/dL	3%	20 days	7 days	Biuret
TRIG	CC213	2 x 300/600	3 µL	20.0-1000.0 mg/dL	3%	30 days	14 days	Enzymatic GPO
UIBC w/cal	CC660	2 x 100/200	15 µL	17-600 µg/dL	3%	7 days	4 days	Ferene
URIC	CC212	2 x 300/600	12 µL	0.5-12.0 mg/dL	2%	30 days	14 days	Enzymatic (Uricase)

### Reagent for CX<sup>®</sup>3:

Chemistry	Catalog No.	Carolina Tests/Kit	Sample Size	Useable Range	Precision	On-Inst. Stability	Calibration Frequency	Method
BUN	88806	500mL	10 µL	0.0-150.0 mg/dL	3%	30 days	24 hours	Conductivity/Urease
CA	88815	1,000 mL	10 µL	0.0-15.5 mg/dL	2%	60 days	24 hours	Colorimetry/Arsenazo III
CO2 Acid Reag.	88812	2,000 mL	62 µL*	5.0-40.0 mmol/L	3%	90 days	24 hours	Differential Rate pH
CO2 Alk. Buffer	88813	500 mL	62 µL*	5.0-40.0 mmol/L	3%	30 days	24 hours	Differential Rate pH
CREA	88809	3 x 2,000 mL	30 µL	0.0-25 mg/dL	5%	30 Days	24 hours	Colorimetry/Alk.Picrate
Electrolyte Buffer	88810	2,000 mL	62 µL*	NA: 100.-200. mmol/L K: 1.0-15.0 mmol/L	NA: 1% K: 2%	60 days	24 hours	ISE
Electrolyte Ref.	88811	2,000 mL	62 µL*	CL: 50.0-200.0 mmol/L CALC: 2.5-15.5 mg/dL	CL: 2% CALC: 2%	30 days	24 hours	ISE
GLU	88807	500 mL	10 µL	0.0-450.0 mg/dL	3%	30 days	24 hours	Glucose Oxidase
TP	88816	4 x 1,000 mL	10 µL	3.0-12.0 g/dL	2%	60 days	7 days	Biuret

\* 62 µL sample total to complete NA, K, CL and CO<sub>2</sub> analysis