

Analyzer: Chemwell Test: Albumin Catalog # : A7502

Options: Assignment Order: 8-way in groups of 4 Optimized order execution Temperature Control to 37C Dispense push Volume 15ul Reagent / Sample low: Look For another Reagent Sample error: Halt immediately Bottle 1 (Wash) low: Halt at end of wash Bottle 2 (Rinse) low: Halt at end of wash Use new curve by default Use new blank by default Albumin (Pointe) Ι **Process Protocol** +-Ι Standard Mode Reagent blank Ι Filters: 630 - 700 Ι Ι Duplicate samples Standard: user defined I Ι Normal: 3.5 to 5.3 Ι linear: 0.5 to 8.0 Ι Using Level I Controls Ι Using Level II Controls I +-**Report Protocol** Default Standard. with stats. RPT Ι I Blank [Type] +-Ι Standard [Type] +-Ι I +-2 ul sample protocol [Sample Protocol] Ι Aspirate Sample Rack – Chemistry Multi-Calibrator -2.0ul, Speed: 2, Air Gap 2ul Ι Dispense Reaction Plate - Standard - 2.0ul, Speed: 2, Dispense Low Ι Level 1 [Type] +-Ι Ι +- 2 ul sample protocol [Sample Protocol] Ι Aspirate Sample Rack – Level 1 – 2.0ul, Speed: 2, Air Gap 2ul Ι Dispense Reaction Plate – Level 1 – 2.0ul, Speed: 2, Dispense Low Ι +-Level 2 [Type]

I I I I	+- 2 ul sample protocol [Sample Protocol] Aspirate sample Rack – Level 2 – 2.0ul, Speed: 2, Air Gap 2ul Dispense Reaction Plate – Level 2 – 2.0ul, Speed: 2, Dispense Low
I +-	Standard [Type]
Ι	
+-	Unknown [Type]
Ι	
Ι	+- 2 ul sample protocol [Sample Protocol]
Ι	Aspirate Sample Rack – Unknown – 2.0ul, Speed: 2, Air Gap 2ul
Ι	Dispense Reaction Plate – Unknown – 2.0ul, Speed: 2, Dispense Low
Ι	
+-	200uL rgnt protocol [Sample Protocol]
Ι	Aspirate Reagent Rack SQ – Albumin – 200 ul, Speed: 1, Air Gap 50ul
Ι	Dispense Reaction Plate – All – 200ul, Speed: 2, Dispense High, Mix
Ι	
+-	Incubate – 1:00
Ι	
+-	Read

Rev: 1/03

Analyzer: Chemwell Test: Triglycerides Catalog #: T7532

Options:	
Assignment Order:	8-way in groups of 4
Optimized order execution	
Temperature Control to 37C	
Dispense push Volume 15ul	
Reagent / Sample low:	Look For another
Reagent Sample error:	Halt Immediately
Bottle 1 (Wash) low:	Halt at end of wash
Bottle 2 (Rinse) low:	Halt at end of wash
Use new curve by default	
Use new blank by default	
Triglycerides (Pointe)	
Ι	
+- Method	
I Standard Mode	
I Reagent Blank	
I Differential Blank	
I Filters: 505 – 630	
I Standard: user define	d
I Normal: 36 to 165	
I Linear: $< = 1000$	
I Using Level I Control	
I Using Level II Contro	bls
Ι	
+- Report Protocol	
	ard. With stats.RPT
Ι	
+- Reagent [Sample Protoco	
	ent Rack SQ – Triglycerides Reagent – 200ul, Speed: 2, Air Gap 50ul
I Dispense Read	ction Plate – ALL – 200 ul, Speed: 1, Dispense High, Mix
Ι	
+- Incubate – 2:00	
Ι	
+- Read	
1	
+- Blank [Type]	
I	
+- Standard [Type]	
Ι	

I I I I	 +-sample protocol [Sample Protocol] Aspirate Sample Rack – Chemistry Multi-Calibrator – 2.5ul, Speed: 2, Air Gap 1ul Dispense Reaction Plate – Standard – 2.5ul, Speed: 0, Dispense High, Mix
+-	Level 1 [Type]
Ι	
Ι	+-sample [Sample Protocol]
Ι	Aspirate Sample Rack – Level 1 –2.5ul, Speed: 2, Air Gap 1ul
Ι	Dispense Reaction Plate – Level 1 – 2.5ul, Speed: 0, Dispense High, Mix
Ι	
+-	Level 2 [Type]
Ι	
Ι	+-sample [Sample Protocol]
I	Aspirate Sample Rack – Level 2 – 2.5ul, Speed: 2, Air Gap 1ul
I	Dispense Reaction Plate – Level 2 – 2.5ul, Speed: 0, Dispense High, Mix
I	
+- T	Unknown [Type]
l T	- commis musto col [Commis Ducto col]
I	+-sample protocol [Sample Protocol]
I T	Aspirate Sample Rack – Unknown – 2.5ul, Speed: 2, Air Gap 1ul Dispense Reaction Plate – Unknown –2.5ul, Speed: 0, Dispense High, Mix
T	Dispense Reaction Flate – Unknown –2.5th, Speed. 0, Dispense High, Mix
1 +-	Incubate – 10:00
Ť	
т +-	Read
•	
Rev	v: 4-01

Analyzer: Chemwell Test: Total Iron Catalog #: 17505

Options: Assignment Order: Optimized order execution Temperature Control to 37C Dispense push Volume 25ul Reagent / Sample low: Bottle 1 (Wash) low: Bottle 2 (Rinse) low: Use new curve by default Use new blank by default			
Total Iron (Pointe)			
Ι			
+- Method			
I Standard Mode			
I Reagent Blank			
I Differential Blank			
I Filters: 545 – 700			
	I Standard: user defined		
I Normal: 60 to 150			
I Linear: 0 to 500			
I Demont Drote col			
+- Report Protocol	and With state DDT		
I Default Stand	ard. With stats.RPT		
+- Blank [Type]			
I			
+- Standard [Type]			
I			
I +-sample [Sample Proto	ocol]		
	ple Rack – Chemistry Multi-Calibrator – 40ul, Speed: 2, Air Gap 50ul		
I Dispense Rea	ction Plate – Standard – 40ul, Speed: 2, Dispense High		
I			
+- Level 1 [Type]			
Ι			
I +-sample protocol [Sam	-		
I Aspirate Sam	ple Rack – Level 1 – 40ul, Speed: 2, Air Gap 50ul		

I	Dispense Reaction Plate – Level 1 – 40ul, Speed: 2, Dispense High		
I +- I	Level 2 [Type]		
I I I I I	 +-sample protocol [Sample Protocol] Aspirate Sample Rack – Level 2 – 40ul, Speed: 2, Air Gap 50ul Dispense Reaction Plate – Level 2 – 40ul, Speed: 2, Dispense High 		
+- I I I I I I I	Jnknown [Type]		
	+-sample [Sample Protocol] Aspirate Sample Rack – Unknown – 40ul, Speed: 2, Air Gap 50ul Dispense Reaction Plate – Unknown – 40ul, Speed: 2, Dispense High		
	200ul R1 [Sample Protocol] Aspirate Sample Rack SQ – Iron Buffer – 200ul, Speed: 1, Air Gap 50ul Dispense Reaction Plate – ALL – 200ul, Speed: 1, Dispense High, Mix		
I +- I	Incubate – 1:00		
Ι	Read		
	Blank [Type]		
	 +-4ul R2 [Sample Protocol] Aspirate Sample Rack – Iron Color – 4.0ul, Speed: 1, Air Gap 2ul Dispense Reaction Plate – Blank – 4.0ul, Speed: 0, Dispense High, Mix 		
I +-	Standard [Type]		
I I I I I	+-4ul R2 [Sample Protocol] Aspirate Sample Rack –Iron Color – 4.0ul, Speed: 1, Air Gap 2ul Dispense Reaction Plate – Standard – 4.0ul, Speed: 0, Dispense High, Mix		
+-	Level 1 [Type]		
I I I I	 +-4ul R2 [Sample Protocol] Aspirate Sample Rack – Iron Color – 4.0ul, Speed: 1, Air Gap 2ul Dispense Reaction Plate – Level 1 – 4.0ul, Speed: 0, Dispense High, Mix 		
I +- I	Level 2 [Type]		
I I I I	 +-4ul R2 [Sample Protocol] Aspirate Sample Rack – Iron Color – 4.0ul, Speed: 1, Air Gap 2ul Dispense Reaction Plate – Level 2 – 4.0ul, Speed: 0, Dispense High, Mix 		
I +-	Jnknown [Type]		
I I I	+-4ul R2 [Sample Protocol] Aspirate Sample Rack – Iron Color – 4.0ul, Speed: 1, Air Gap 2ul		

```
I Dispense Reaction Plate – Unknown – 4.0ul, Speed: 0, Dispense High, Mix
I
+- Incubate – 10:00
I
+- Read
Rev: 4-01
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Analyzer: Chemwell Test: Total Protein Catalog #: T7528

Optimized order executionTemperature Control to 37CDispense push Volume 15ulReagent / Sample low:Reagent Sample error:Bottle 1 (Wash) low:	8-way in groups of 4 Look For another Look For another Halt at end of wash Halt at end of wash	
-		
Total Protein (Pointe) I		
+- Process Protocol		
I Standard Mode		
I Reagent Blank		
I Filters: 545 – 700		
I Standard: user defined		
I Normal: 6.2 to 8.5		
I Linear: < = 15.0 I Using Level I Controls		
I Using Level I Controls		
I	-	
+- Report Protocol		
I Default Standar	d. With stats.RPT	
I		
+- Blank [Type] I		
+- Standard [Type]		
I		
I +-4ul sample protocol [Sa	mple Protocol]	
I Aspirate Sample Rack – Chemistry Multi-Calibrator – 4.0ul, Speed: 2, Air Gap 2ul		
-	ion Plate – Standard – 4.0ul, Speed: 2, Dispense Low	
I L L aval 1 [Truna]		
+- Level 1 [Type] I		
I +-4ul sample [Sample Pro	otocol]	
1 - 1	e Rack – Level 1 –4.0ul, Speed: 2, Air Gap 2ul	
1 1		

I I	Dispense Reaction Plate – Level 1 – 4.0ul, Speed: 2, Dispense Low
I +- I	Level 2 [Type]
I I I I I	+-4ul sample [Sample Protocol] Aspirate Sample Rack – Level 2 – 4.0ul, Speed: 2, Air Gap 2ul Dispense Reaction Plate – Level 2 – 4.0ul, Speed: 2, Dispense Low
+- T	Unknown [Type]
I I I I I	+-4ul sample protocol [Sample Protocol] Aspirate Sample Rack – Unknown – 4.0ul, Speed: 2, Air Gap 2ul Dispense Reaction Plate – Unknown –4.0ul, Speed: 2, Dispense Low
1 +-	200 ul Rgnt [Sample Protocol]
I I I	Aspirate Reagent Rack SQ – Protein Rgnt – 200ul, Speed: 1, Air Gap 50ul Dispense Reaction Plate – ALL – 200ul, Speed: 2, Dispense High, Mix
+- I	Incubate – 5:00
+-	Read
Rev	v: 4-01

Analyzer: Chemwell Test: Total Bilirubin Catalog #: B7576

Options: Assignment Order: Optimized order execution Temperature Control to 37C Dispense push Volume 25ul Reagent / Sample low: Reagent Sample error: Bottle 1 (Wash) low: Bottle 2 (Rinse) low: Use new curve by default Use new blank by default		
Total Bilirubin (1-Part)		
Ι		
+- Process Protocol		
I Standard Mode		
I Reagent Blank I Differential Blank		
I Filters: 545 – 630		
I Standard: user define	he	
I Normal: 0.2 to 1.2		
I Linear: $\langle = 20.0$		
I Using Level I Controls		
I Using Level II Control	ols	
Ι		
+- Report Protocol		
	ard. With stats.RPT	
I 200ul Bant motocol [Sou	male Drote cell	
 200ul Rgnt protocol [Sample Protocol] Aspirate Reagent Rack SQ – Total Bilirubin Working Rgnt – 200ul, 		
I Aspirate Reagent Rack SQ – Total Bilirubin Working Rgnt – 200ul, I Speed: 1, Air Gap 50ul		
-	ction Plate – ALL – 200ul, Speed: 2, Dispense High	
I		
+- Read		
Ι		
+- Blank [Type]		
I		
+- Standard [Type]		

I I I I I	+-10ul sample protocol [Sample Protocol] Aspirate Sample Rack –Bilirubin Calibrator – 10.0ul, Speed: 2, Air Gap 1ul Dispense Reaction Plate – Standard – 10.0ul, Speed: 0, Dispense High, Mix
+-	Level 1 [Type]
I I I I I	+-10ul sample [Sample Protocol] Aspirate Sample Rack – Level 1 – 10.0ul, Speed: 2, Air Gap 1ul Dispense Reaction Plate – Level 1 – 10.0ul, Speed: 0, Dispense High, Mix
+-	Level 2 [Type]
I I I I I	 +-10ul sample [Sample Protocol] Aspirate Sample Rack – Level 2 – 10.0ul, Speed: 2, Air Gap 1ul Dispense Reaction Plate – Level 2 – 10.0ul, Speed: 0, Dispense High, Mix
1 +-	Unknown [Type]
I I I I I	+-10ul sample protocol [Sample Protocol] Aspirate Sample Rack – Unknown – 10.0ul, Speed: 2, Air Gap 1ul Dispense Reaction Plate – Unknown – 10.0ul, Speed: 0, Dispense High, Mix
т +-	Incubate – 5:00
I +-	Read
Rev	v: 4-01

Analyzer: Chemwell Test: Phosphorus Catalog #: P7516

Options:	0 : 64
Assignment Order:	8-way in groups of 4
Optimized order execution	
Temperature Control to 37C Dispense push Volume 25ul	
Reagent / Sample low:	Look For another
Reagent Sample error:	Look For another
Bottle 1 (Wash) low:	Halt at end of wash
Bottle 2 (Rinse) low:	Halt at end of wash
Use new curve by default	
Use new blank by default	
Phosphorus	
I	
+- Process Protocol	
I Standard Mode	
I Reagent Blank	
I Differential Blank	
I Filters: 340 – 630	
I Standard: user define	ed
I Normal: 2.5 to 4.8	
I Linear: $< = 12.0$	
I Using Level I Control	
I Using Level II Contro	DIS
I Benevit Directo col	
+- Report Protocol I Default Standa	ard. With stats.RPT
I Default Stand	aru. With stats. KF 1
+- 200ul Rgnt protocol [Sar	nnle Protocoll
U 1 -	ent Rack SQ – Phosphorus – 200ul, Speed: 1, Air Gap 50ul
1 6	ction Plate – ALL – 200ul, Speed: 1, Dispense High, Mix
I Dispense rica	
+- Incubate – 2:00	
Ι	
+- Read	
Ι	
+- Blank [Type]	
Ι	
+- Standard [Type]	
Ι	

I I	+-4ul sample protocol [Sample Protocol] Aspirate Sample Rack – Chemistry Multi-Calibrator – 4.0ul, Speed: 1, Air Gap 1ul
I I	Dispense Reaction Plate – Standard – 4.0ul, Speed: 0, Dispense High, Mix
+- I	Level 1 [Type]
I I I	+-4ul sample [Sample Protocol] Aspirate Sample Rack – Level 1 – 4.0ul, Speed: 1, Air Gap 1ul Dispense Reaction Plate – Level 1 – 4.0ul, Speed: 0, Dispense High, Mix
I +- I	Level 2 [Type]
I	+-4ul sample [Sample Protocol]
I	Aspirate Sample Rack – Level 2 – 4.0ul, Speed: 1, Air Gap 1ul
I I	Dispense Reaction Plate – Level 2 –4.0ul, Speed: 0, Dispense High, Mix
- I	Unknown [Type]
I	+-4ul sample protocol [Sample Protocol]
Ι	Aspirate Sample Rack – Unknown – 4.0ul, Speed: 1, Air Gap 1ul
I T	Dispense Reaction Plate – Unknown – 4.0ul, Speed: 0, Dispense High, Mix
ı +-	Incubate – 5:00
Ι	
+-	Read
Rev	v: 4-01

Analyzer: Chemwell Test: Magnesium Catalog #: M7527

-	tions:	
	signment Order:	8-way in groups of 4
	timized order execution	
	mperature Control to 37C	
	spense push Volume 25ul agent / Sample low:	Look For another
	0 1	Look For another
	agent Sample error: ttle 1 (Wash) low:	Halt at end of wash
	ttle 2 (Rinse) low:	Halt at end of wash
	e new curve by default	
	e new blank by default	
03	e new blank by default	
Ma	gnesium (Pointe)	
Ι	8	
+-	Process Protocol	
Ι	Standard Mode	
Ι	Reagent Blank	
Ι	Differential Blank	
Ι	Filters: 545 - 700	
Ι	Standard: user define	ed
Ι	Normal: 1.3 to 2.5	
Ι	Linear: $< = 4.0$	
Ι	Using Level I Contro	
Ι	Using Level II Control	bls
Ι		
+-	Report Protocol	
I	Default Stand	ard. With stats.RPT
I	- 200ml next must see [[]	
I I	+-200ul rgnt protocol [S	-
I		gent Rack SQ – Magnesium – 200ul, Speed: 1, Air Gap 50ul gent Plate – ALL – 200ul, Speed: 2, Dispense High, Mix
I	Dispense Rea	gent I fate – ALL – 20001, Speed. 2, Dispense High, Mix
1 +-	Incubate – 1:00	
Í	medbule 1.00	
+-	Read	
I		
+-	Blank [Type]	
Ι	- 11 1	
+-	Standard [Type]	
Ι	- /1 -	

I I I I	 +-2ul sample protocol [Sample Protocol] Aspirate Sample Rack – Chemistry Multi-Calibrator – 2.0ul, Speed: 1, Air Gap 1ul Dispense Reaction Plate – Standard – 2.0ul, Speed: 0, Dispense High, Mix
ı +-	Level 1 [Type]
Ι	
Ι	+-2ul sample [Sample Protocol]
Ι	Aspirate Sample Rack – Level 1 –2.0ul, Speed: 1, Air Gap 1ul
Ι	Dispense Reaction Plate – Level 1 – 2.0ul, Speed: 0, Dispense High, Mix
Ι	
+-	Level 2 [Type]
I	
I	+-2 ul sample [Sample Protocol]
l	Aspirate Sample Rack – Level 2 – 2.0ul, Speed: 1, Air Gap 1ul
I T	Dispense Reaction Plate – Level 2 – 2.0ul, Speed: 0, Dispense High, Mix
I	Unknown [Tyma]
+- I	Unknown [Type]
I	+-2ul sample protocol [Sample Protocol]
I	Aspirate Sample Rack – Unknown – 2.0ul, Speed: 1, Air Gap 1ul
Ī	Dispense Reaction Plate – Unknown –2.0ul, Speed: 0, Dispense High, Mix
Ī	
+-	Incubate – 5:00
Ι	
+-	Read
Rev	v: 4-01

Analyzer: Chemwell Test: auto LDL Catalog #: L7574

Options: Assignment Order: Optimized order execution Temperature Control to 37C Dispense push Volume 15ul Reagent / Sample low: Reagent Sample error: Bottle 1 (Wash) low: Bottle 2 (Rinse) low: Use new curve by default Use new blank by default			
Liquid Auto-LDL			
Ι			
+- MethodI Standard Mode			
I Reagent Blank			
I Differential Blank	•		
I Filters: 545 – 700	Filters: 545 – 700		
I Standard: user defin	ed		
I Normal: $< = 130$			
I Linear: 0 to 700			
+- Report Protocol			
1	dard. With stats.RPT		
I			
+- Blank [Type] I			
+- Standard [Type]			
I Standard [19p0]			
I +-sample protocol [Sam	ple Protocol]		
-			
	action Plate – Standard – 3.0ul, Speed: 2, Dispense Low		
I +- Lipid Control 1 [Type]			
I Lipid Control I [1990]			
I +-sample [Sample Proto	ocol]		
I Aspirate Sam	ple Rack – Lipid Ctl 1 – 3.0ul, Speed: 2, Air Gap 2ul		

I I	Dispense Reaction Plate – Lipid Ctl 1 – 3.0ul, Speed: 2, Dispense Low
г +- I	Lipid Control 2 [Type]
I I I I	 +-sample [Sample Protocol] Aspirate Sample Rack – Lipid Ctl 2 – 3.0ul, Speed: 2, Air Gap 2ul Dispense Reaction Plate – Lipid Ctl 2 –3.0ul, Speed: 2, Dispense Low
 I	Unknown [Type]
I I I I	 +-sample protocol [Sample Protocol] Aspirate Sample Rack – Unknown – 3.0ul, Speed: 2, Air Gap 2ul Dispense Reaction Plate – Unknown –3.0ul, Speed: 2, Dispense Low
I +- I I I	 180ul RI [Sample Protocol] Aspirate Reagent Rack SQ – LDL Cholesterol R1 – 180ul, Speed: 1, Air Gap 50ul Dispense Reaction Plate – ALL – 180ul, Speed: 1, Dispense High, Mix
1 +- I	Incubate – 5:00
I +- I	Read
I +- I I I	60ul R2 [Sample Protocol] Aspirate Reagent Rack SQ – LDL R2 – 60ul, Speed: 1, Air Gap 40ul Dispense Standard Plate – ALL – 60ul, Speed: 0, Dispense High, Mix
+-	Incubate – 5:00/Read

Analyzer: Chemwell Test: auto HDL Catalog # :H7545

Options:	9 mar in many of 1
Assignment Order: Optimized order execution	8-way in groups of 4
Temperature Control to 37C	
Dispense push Volume 25ul	
Reagent / Sample low:	Look For another
Reagent Sample error:	Look For another
Bottle 1 (Wash) low:	Halt at end of wash
Bottle 2 (Rinse) low:	Halt at end of wash
Use new curve by default	That at clid of wash
Use new blank by default	
ese new chains ey actuant	
Liquid Auto-HDL	
I	
+- Method	
I Standard Mode	
I Reagent Blank	
I Differential Blank	
I Filters: 600 – 700	
I Standard: user define	d
I Normal: $< = 35$	
I Linear: 2 to 200	
I	
+- Report Protocol	
	ard. With stats.RPT
+- Blank [Type] I	
+- Standard [Type] I	
I +-sample protocol [Sam	nle Protocoll
	ble Rack – HDL Cholesterol Calib. – 3.0ul, Speed: 2, Air Gap 2ul
1 1	ction Plate – Standard – 3.0ul, Speed: 2, Dispense Low
I Dispense rica	stion Flate Standard Stour, Speed, 2, 215pense 201
+- Lipid Control 1 [Type]	
I	
I +-sample [Sample Proto	col]
	ble Rack – Lipid Ctl 1 – 3.0ul, Speed: 2, Air Gap 2ul
	ction Plate - Lipid Ctl 1 – 3.0ul, Speed: 2, Dispense Low
I	• • • • •

+- *	Lipid Control 2 [Type]
I I I I I	 +-sample [Sample Protocol] Aspirate Sample Rack – Lipid Ctl 2 – 3.0ul, Speed: 2, Air Gap 2ul Dispense Reaction Plate – Lipid Ctl 2 –3.0ul, Speed: 2, Dispense Low
+- 1	Unknown [Type]
I I I I I	 +-sample protocol [Sample Protocol] Aspirate Sample Rack – Unknown – 3.0ul, Speed: 2, Air Gap 2ul Dispense Reaction Plate – Unknown –3.0ul, Speed: 2, Dispense Low
I +- I I I	 180ul RI [Sample Protocol] Aspirate Reagent Rack SQ – HDL Cholesterol R1 – 180ul, Speed: 1, Air Gap 50ul Dispense Reaction Plate – ALL – 180ul, Speed: 1, Dispense High, Mix
+- T	Incubate – 5:00
I +- I	Read
I +- I I I	60ul R2 [Sample Protocol] Aspirate Reagent Rack SQ – HDL Cholesterol R2 – 60ul, Speed: 1, Air Gap 50ul Dispense Reaction Plate – ALL – 60ul, Speed: 0, Dispense High, Mix
+-	Incubate – 5:00/Read

Rev: 2-01

Analyzer: Chemwell Test: LDH Catalog # :L7572

Options: Assignment Order: Optimized order execution Temperature Control to 37C	8-way in groups of 4
Dispense push Volume 25ul	
Reagent / Sample low:	Look For another
Reagent Sample error: Bottle 1 (Wash) low:	Halt immediately Halt at end of wash
Bottle 2 (Rinse) low:	Halt at end of wash
LDH (Pointe)	
I	
+- Method	
I Rate by Factor Mode	
I Filters: 340 – 405	
	80 sec, Interval 60 sec
-	ed for path length: 6010)
I Total Volume: 210.0	ul
I Units: IU/L	
I Normal: 89 to 221 I Linear: <= 1000	
I Linear. < = 1000	
+- Report Protocol	
I Ratefactor wit	h SD.rpt
I	
+- Level 1 [Type] I	
I +-sample 10ul [Sample]	Protocol]
	ple Rack – Level 1 –10.0ul, Speed: 2, Air Gap 1ul
I Dispense Read	ction Plate – Level 1 – 10.0ul, Speed: 2, Dispense Low
+- Level 2 [Type]	
I	
I +-sample 10ul [Sample I	
	ble Rack – Level 2 – 10.0ul, Speed: 2, Air Gap 1ul
I Dispense Read	ction Plate – Level 2 – 10.0ul, Speed: 2, Dispense Low
+- Unknown [Type]	

Ι	
Ι	+-sample 10ul [Sample Protocol]
Ι	Aspirate Sample Rack – Unknown – 10.0ul, Speed: 2, Air Gap 1ul
Ι	Dispense Reaction Plate – Unknown –10.0ul, Speed: 2, Dispense Low
Ι	
+-	200ul Rgnt [Sample Protocol]
Ι	Aspirate Reagent Rack SQ – LDH Reagent –200ul, Speed: 2, Warm 20s, Air Gap 50ul
Ι	Dispense Reaction Plate – ALL – 200ul, Speed: 2, Dispense High, Mix
Ι	
+-	Read

Analyzer: Chemwell Test: Glucose Ox Catalog # :G7521

Serum Options: Assignment Order:8-way in groups of 4Optimized order execution Temperature Control to 37C Dispense push Volume 15ul Reagent / Sample low: Reagent Sample error: Bottle 1 (wash) low: Bottle 2 (Rinse) low: Use new curve by default Use new blank by default8-way in groups of 4	
Glucose Oxidase (Pointe)	
Ι	
+- Process ProtocolI Standard Mode	
I Reagent blank	
I Filters: 505 – 630	
I Standard: user defined	
I Normal: 70 to 115	
I linear: ≤ 500	
I Using Level I Controls	
I Using Level II Controls I	
+- Report Protocol	
I Default Standard. with stats. RPT	
Ι	
+- Blank [Type]	
I	
+- Standard [Type] I	
I +-2.5ul sample [Sample Protocol]	
I Aspirate Sample Rack – Chemistry Multi-C	alibrator - 2.5ul, Speed: 2, Air Gap 2ul
I Dispense Reaction Plate – Standard – 2.5	
Ι	
+- Level 1 [Type]	
I I +- 2.5ul sample [Sample Protocol]	
I Aspirate Sample Rack – Level $1 - 2$.	5ul Sneed: 2 Air Gan 2ul
	sur, spood. 2, rin Sup 201

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Ι
              Dispense Reaction Plate – Level 1 – 2.5ul, Speed: 2, Dispense Low
Ι
+- Level 2 [Type]
Ι
Ι
   +- 2.5ul sample [Sample Protocol]
              Aspirate Sample Rack – Level 2 – 2.5ul, Speed: 2, Air Gap 2ul
Ι
              Dispense Reaction Plate – Level 2 – 2.5ul, Speed: 2, Dispense Low
Ι
Ι
+-
    Unknown [Type]
Ι
Ι
    +- 2.5ul sample [Sample Protocol]
              Aspirate Sample Rack – Unknown – 2.5ul, Speed: 2, Air Gap 2ul
Ι
              Dispense Reaction Plate – Unknown – 2.5ul, Speed: 2, Dispense Low
Ι
Ι
+-
    240 ul reagt [Sample Protocol]
       Aspirate reagent Rack SQ – Glucose Oxidase Reagent – 240ul, speed:2, Air Gap 50ul
Ι
Ι
       Dispense Reaction Plate - ALL - 240ul, speed: 2, Dispense High, Mix
Ι
   Incubate - 10:00
+-
Ι
+- Read
Rev: 2-01
```

Analyzer: Chemwell Test: Glucose Hex Catalog # :G7517

Serum **Options:** Assignment Order: 8-way in groups of 4 Optimized order execution Temperature Control to 37C Dispense push Volume 15ul Reagent / Sample low: Look For another Reagent Sample error: Halt immediately Bottle 1 (wash) low: Halt at end of wash Bottle 2 (Rinse) low: Halt at end of wash Use new curve by default Use new blank by default Glucose Hexokinase (Pointe) Ι +- Method Ι Standard Mode Ι Reagent blank Ι Filters: 340 - 405 Standard: user defined Ι I Normal: 70 to 110 Ι linear: <= 500 Using Level I Controls Ι Ι Using Level II Controls I +- Report Protocol Ι Default Standard. with stats. RPT I Blank [Type] +-Ι +-Standard [Type] Ι Ι +-sample [Sample Protocol] Ι Aspirate Sample Rack – Chemistry Multi-Calibrator - 2.5ul, Speed: 2, Air Gap 1ul Dispense Reaction Plate - Standard - 2.5ul, Speed: 2, Dispense Low Ι Ι +- Level 1 [Type] Ι Ι +- sample [Sample Protocol] Ι Aspirate Sample Rack – Level 1 – 2.5ul, Speed: 2, Air Gap 1ul Ι Dispense Reaction Plate – Level 1 - 2.5ul, Speed: 2, Dispense Low

```
I
+- Level 2 [Type]
Ι
I
   +- sample [Sample Protocol]
I
              Aspirate Sample Rack – Level 2 – 2.5ul, Speed: 2, Air Gap 1ul
              Dispense Reaction Plate – Level 2 – 2.5ul, Speed: 2, Dispense Low
I
Ι
   Unknown [Type]
+-
I
I
    +- sample [Sample Protocol]
I
              Aspirate Sample Rack – Unknown – 2.5ul, Speed: 2, Air Gap 1ul
              Dispense Reaction Plate – Unknown – 2.5ul, Speed: 2, Dispense Low
Ι
Ι
    240 ul reagt [Sample Protocol]
+-
     Aspirate reagent Rack SQ - Glucose Hexokinase Reagent - 240ul, speed:2, Air Gap 50ul
I
     Dispense Reaction Plate - ALL - 240ul, speed: 2, Dispense High, Mix
Ι
I
+- Incubate - 5:00
Ι
+- Read
Rev: 4-01
```

Analyzer: Chemwell Test: Gamma GT Catalog # :G7571

Options: Assignment Order: 8-way in groups of 4 Optimized order execution Temperature Control to 37C Dispense push Volume 40ul Reagent / Sample low: Look For another Reagent Sample error: Halt Immediately Bottle 1 (Wash) low: Halt at end of wash Bottle 2 (Rinse) low: Halt at end of wash Gamma GT (Pointe) Ι **Process Protocol** +-I Rate by Factor Mode Filters: 405 – 630 I I Lag: 90 sec, Read: 120 sec., Interval 60 sec. I Factor: 2211 (Adjusted for path length: 3936) Ι Total Volume: 210.0ul Units: U/L Ι I Normal: 8 to 54 Ι Linear: < = 1000I **Report Protocol** +-Ratefactor with SD.rpt Ι I +- Level 1 [Type] I Ι +-sample [Sample Protocol] Aspirate Sample Rack – Level 1 –10.0ul, Speed: 2, Air Gap 1ul I Dispense Reaction Plate - Level 1 - 10.0ul, Speed: 2, Dispense Low Ι Ι Level 2 [Type] +-Ι Ι +-sample [Sample Protocol] Ι Aspirate Sample Rack – Level 2 – 10.0ul, Speed: 2, Air Gap 1ul Ι Dispense Reaction Plate – Level 2 – 10.0ul, Speed: 2, Dispense Low I Unknown [Type] +-Ι Ι +-sample protocol [Sample Protocol]

Ι	Aspirate Sample Rack – Unknown – 10.0ul, Speed: 2, Air Gap 1ul
Ι	Dispense Reaction Plate – Unknown –10.0ul, Speed: 2, Dispense Low
Ι	
+-	200ul Rgnt protocol[Sample Protocol]
Ι	Aspirate Reagent Rack SQ –GGT Rgnt – 200ul, Speed: 1, Warm 15s,
Ι	Air Gap 50ul
Ι	Dispense Reaction Plate – ALL – 200ul, Speed: 2, Dispense High, Mix
Ι	
+-	Read

Analyzer: Chemwell Test: EIA TSH Catalog # :BC1001

Options:

- I	
Assignment Order:	8-way in groups of 4
Optimized order execution	
Temperature Control to 37C	
Dispense push Volume 25ul	
Reagent / Sample low:	Look For another
Reagent Sample error:	Look For another
Bottle 1 (Wash) low:	Halt at end of wash
Bottle 2 (Rinse) low:	Halt at end of wash
Use stored curve by default	
Warn if curve is 7 days old	

EIA TSH

```
Ι
    Method
+-
       Pointe To Point Mode
Ι
Ι
       Filters: 450 - 630
I
       Standard 1 = 0.0
       Standard 2 = 0.5
I
       Standard 3 = 2.0
I
       Standard 4 = 5.0
Ι
I
       Standard 5 = 10.0
       Standard 6 = 25.0
Ι
I
       Normal: 0.4 to 7.0
Ι
       Linear: 0.2 to 26.0
I
    Report Protocol
+-
       Default Multistandard.RPT
Ι
I
    Standard 1 [Type]
+-
Ι
Ι
       +-100ul sample protocol [Sample Protocol]
               Aspirate Sample Rack - Standard1 - 100ul, Speed: 2, Air Gap 50ul
Ι
I
              Dispense Reaction Plate - Standard1 - 100ul, Speed: 2, Dispense High, Mix
I
+-
    Standard 2 [Type]
Ι
I
       +-100ul sample protocol [Sample Protocol]
```

I I I	Aspirate Sample Rack – Standard2 – 100ul, Speed: 2, Air Gap 50ul Dispense Reaction Plate – Standard2 – 100ul, Speed: 2, Dispense High, Mix
г +- I	Standard 3 [Type]
I I I I I	 +- 100ul sample protocol [Sample Protocol] Aspirate Sample Rack – Standard3 –100ul, Speed: 2, Air Gap 50ul Dispense Reaction Plate – Standard3 – 100ul, Speed: 2, Dispense High, Mix
г +- I	Standard 4 [Type]
I I I I I	 +- 100ul sample protocol [Sample Protocol] Aspirate sample Rack – Standard4 – 100ul, Speed: 2, Air Gap 50ul Dispense Reaction Plate – Standard4 – 100ul, Speed: 2, Dispense High, Mix
+-	Standard 5 [Type]
I I I I I	 +- 100ul sample protocol [Sample Protocol] Aspirate sample Rack – Standard5 – 100ul, Speed: 2, Air Gap 50ul Dispense Reaction Plate – Standard5 – 100ul, Speed: 2, Dispense High, Mix
г +- I	Standard 6 [Type]
I I I I I	 +- 100ul sample protocol [Sample Protocol] Aspirate sample Rack – Standard6 – 100ul, Speed: 2, Air Gap 50ul Dispense Reaction Plate – Standard6 – 100ul, Speed: 2, Dispense High, Mix
і +- І	Unknown [Type]
I I I I I	 +- 100ul sample protocol [Sample Protocol] Aspirate Sample Rack – Unknown – 100ul, Speed: 2, Air Gap 50ul Dispense Reaction Plate – Unknown – 100ul, Speed: 2, Dispense High, Mix
I I I I	TSH Conjugate sample protocol [Sample Protocol] Aspirate Reagent Rack SQ – TSH Conjugate – 100 ul, Speed: 2, Air Gap 50ul Dispense Reaction Plate – All – 100ul, Speed: 2, Dispense High, Mix
+-	Incubate – 30:00
I +-	4x Wash [Wash Protocol]
I I I I I I	Aspirate/Dispense: 300ul Wash Solution Aspirate/Dispense: 300ul Wash Solution Aspirate/Dispense: 300ul Wash Solution Aspirate/Dispense: 300ul Wash Solution Double Aspirate
+- I I I	TSH TMB sample protocol [Sample Protocol] Aspirate Reagent Rack SQ – TSH TMB – 100ul, Speed: 2, Air Gap 50ul Dispense Reaction Plate – ALL – 100ul, Speed: 2, Dispense High, Mix
1 +-	Incubate – 10:00

+- TSH Stop sample protocol [Sample Protocol]
I Aspirate Reagent Rack SQ – TSH Stop – 50ul, Speed: 2, Air Gap 50ul Dispense Reaction Plate – ALL – 50ul, Speed: 2, Dispense Low, Mix
I
+- Incubate – 1:00
I
+- Read

Analyzer: Chemwell Test: EIA T3 Catalog # :BC1005

1	
Assignment Order:	8-way in groups of 4
Optimized order execution	
Temperature Control to 37C	
Dispense push Volume 25ul	
Reagent / Sample low:	Look For another
Reagent Sample error:	Look For another
Bottle 1 (Wash) low:	Halt at end of wash
Bottle 2 (Rinse) low:	Halt at end of wash
Use stored curve by default	
Warn if curve is 7 days old	

```
EIA T3
Ι
+- Method
I
       Pointe To Point Mode
Ι
       Filters: 450 - 630
Ι
       Standard 1 = 0.0
       Standard 2 = 0.5
Ι
I
       Standard 3 = 1.0
Ι
       Standard 4 = 2.5
I
       Standard 5 = 5.0
I
       Standard 6 = 10.0
I
   Report Protocol
+-
Ι
       Default Multistandard.RPT
I
    Standard 1 [Type]
+-
Ι
       +-50ul sample protocol [Sample Protocol]
Ι
Ι
              Aspirate Sample Rack – Standard1 - 50ul, Speed: 2, Air Gap 20ul
              Dispense Reaction Plate - Standard1 - 50ul, Speed: 2, Dispense High, Mix
I
Ι
    Standard 2 [Type]
+-
I
       +-50ul sample protocol [Sample Protocol]
Ι
              Aspirate Sample Rack – Standard2 – 50ul, Speed: 2, Air Gap 20ul
Ι
              Dispense Reaction Plate - Standard2 - 50ul, Speed: 2, Dispense High, Mix
Ι
Ι
    Standard 3 [Type]
+-
```

Ι			
I I I I I	 +- 50ul sample protocol [Sample Protocol] Aspirate Sample Rack – Standard3 – 50ul, Speed: 2, Air Gap 20ul Dispense Reaction Plate – Standard3 – 50ul, Speed: 2, Dispense High, Mix 		
+-	Standard 4 [Type]		
I I I I I	 +- 50ul sample protocol [Sample Protocol] Aspirate sample Rack – Standard4 – 50ul, Speed: 2, Air Gap 20ul Dispense Reaction Plate – Standard4 – 50ul, Speed: 2, Dispense High, Mix 		
+-	- Standard 5 [Type]		
I I I I I	 +- 50ul sample protocol [Sample Protocol] Aspirate sample Rack – Standard5 – 50ul, Speed: 2, Air Gap 20ul Dispense Reaction Plate – Standard5 – 50ul, Speed: 2, Dispense High, Mix 		
+-	Standard 6 [Type]		
I I I I I	 +- 50ul sample protocol [Sample Protocol] Aspirate sample Rack – Standard6 – 50ul, Speed: 2, Air Gap 20ul Dispense Reaction Plate – Standard6 – 50ul, Speed: 2, Dispense High, Mix 		
	- •1 -		
I I I	 +- 50ul sample protocol [Sample Protocol] Aspirate Sample Rack – Unknown – 50ul, Speed: 2, Air Gap 20ul Dispense Reaction Plate – Unknown – 50ul, Speed: 2, Dispense High, Mix 		
I +- I I I	T3 Antibody [Sample Protocol] Aspirate Reagent Rack SQ – T3 Antibody – 50 ul, Speed: 2, Air Gap 50ul Dispense Reaction Plate – All – 50ul, Speed: 2, Dispense High, Mix		
	Incubate – 30:00		
I +- I I I I I I I	4x Wash [Wash Protocol] Aspirate/Dispense: 300ul Wash Solution Aspirate/Dispense: 300ul Wash Solution Aspirate/Dispense: 300ul Wash Solution Aspirate/Dispense: 300ul Wash Solution Double Aspirate		
I +- I I I	TMB [Sample Protocol] Aspirate Reagent Rack SQ –TMB T3 – 100ul, Speed: 2, Air Gap 50ul Dispense Reaction Plate – ALL – 100ul, Speed: 2, Dispense High, Mix		
+- I	Incubate – 10:00		
I H- I I I	Stop T3 [Sample Protocol] Aspirate Reagent Rack SQ –Stop T3 – 50ul, Speed: 2, Air Gap 50ul Dispense Reaction Plate – ALL – 50ul, Speed: 2, Dispense Low, Mix		

+- Incubate - 1:00 I +- Read

Analyzer: Chemwell Test: Creatinine Catalog # :C7539

Options: Assignment Order: Optimized order execution Temperature Control to 37C Dispense push Volume 40ul Reagent / Sample low: Reagent Sample error: Bottle 1 (Wash) low: Bottle 2 (Rinse) low: Use new curve by default	8-way in groups of 4 Look For another Look For another Halt at end of wash Halt at end of wash				
Creatinine (Pointe)					
I					
+- MethodI Rate by Standard Mo	de				
I Filters: 505 – 630					
I Fixed Time Mode					
I Lag: 50 sec, Read: 1	50 sec				
I Standard: user define	ed				
I Normal: 0.4 to 1.4					
I Linear: $< = 25.0$					
I Banart Protocol					
+- Report Protocol I Rate Standard	l. With SD.rpt				
I Nate Standard	. With 5D.ipt				
+- Standard [Type]					
I					
I +-20ul sample protocol [Sample Protocol]					
1	ple Rack – Chemistry Multi-Calibrator – 20ul, Speed: 4, Air Gap 1ul				
	ction Plate – Standard – 20.0ul, Speed: 2, Dispense Low, Mix				
I +- Level 1 [Type]					
I					
I +-20ul sample protocol	[Sample Protocol]				
1	ple Rack – Level 1 – 20.0ul, Speed: 4, Air Gap 1ul				
-	ction Plate – Level 1 – 20.0ul, Speed: 2, Dispense Low, Mix				
I					
+- Level 2 [Type]					

-	
I	
Ι	+-20ul sample protocol [Sample Protocol]
Ι	Aspirate Sample Rack – Level 2 – 20.0ul, Speed: 4, Air Gap 1ul
Ι	Dispense Reaction Plate – Level 2 – 20.0ul, Speed: 2, Dispense Low, Mix
Ι	
+-	Unknown [Type]
Ι	
Ι	+-20ul sample protocol [Sample Protocol]
Ι	Aspirate Sample Rack – Unknown – 20.0ul, Speed: 4, Air Gap 1ul
Ι	Dispense Reaction Plate – Unknown –20.0ul, Speed: 2, Dispense Low, Mix
Ι	
+-	200ul Reagent [Sample Protocol]
Ι	Aspirate Reagent Rack SQ – Creatinine Rgnt – 200ul, Speed: 1, Warm 20s, Air Gap 50ul
Ι	Dispense Reaction Plate – ALL – 200ul, Speed: 1, Dispense High, Mix
Ι	
+-	Read

Analyzer: Chemwell Test: CK-MB Catalog # :C7562

Options: Assignment Order: Optimized order execution Temperature Control to 37C	8-way in groups of 4		
Dispense push Volume 25ul Reagent / Sample low: Reagent Sample error:	Look For another Halt immediately		
Bottle 1 (Wash) low: Bottle 2 (Rinse) low:	Halt at end of wash Halt at end of wash		
CK-MB (Pointe)			
I			
+- Method			
I Rate by Factor Mode			
I Filters: 340 - 405			
	180 sec, Interval 60 sec		
	sted for path length: 24625)		
I Total Volume: 205.0	ul		
I Units: IU/L			
I Normal: 0 to 22 I Linear: <= 500			
I Lineal. ≤ -500			
+- Report Protocol			
I Ratefactor wit	h SD.rpt		
I			
+- Level 1 [Type]			
Ι			
I +-Sample 5ul [Sample P	rotocol]		
I Dispense Read	ction Plate – Level 1 –5.0ul, Speed: 2, Dispense Low		
I			
+- Level 2 [Type]			
I	11		
I +-Sample 5ul [Sample P			
	ble Rack – Level 2 – 5.0ul, Speed: 2, Air Gap 1ul		
1	ction Plate – Level 2 – 5.0ul, Speed: 2, Dispense Low		
I Unknown [Twna]			
+- Unknown [Type]			

Ι	
Ι	+-Sample 5ul [Sample Protocol]
Ι	Aspirate Sample Rack – Unknown – 5.0ul, Speed: 2, Air Gap 1ul
Ι	Dispense Reaction Plate – Unknown –5.0ul, Speed: 2, Dispense Low
Ι	
+-	200ul Rgnt [Sample Protocol]
Ι	Aspirate Reagent Rack SQ – CK-MB – 200ul, Speed: 2, Warm 20s, Air Gap 50ul
Ι	Dispense Reaction Plate – ALL – 200ul, Speed: 2, Dispense High, Mix
Ι	
+-	Read

Analyzer: Chemwell Test: CK Catalog # :C7522

Options: Assignment Order: Optimized order execution	8-way in groups of 4
Temperature Control to 37C Dispense push Volume 25ul Reagent / Sample low: Reagent Sample error:	Look For another
Bottle 1 (Wash) low:	Halt immediately Halt at end of wash
Bottle 2 (Rinse) low:	Halt at end of wash
CK (Pointe)	
Ι	
+- Method	
I Rate by Factor Mode	
I Filters: 340 - 405	
U	120 sec, Interval 60 sec
	ed for path length: 12021)
I Total Volume: 205.0	ul
I Units: IU/L	
I Normal: 0 to 160	
I Linear: $< = 1500$	
I Depart Drotocol	
+- Report Protocol I Ratefactor wit	th SD rat
I Ratefactor wit	11 SD.1pt
+- Level 1 [Type]	
I	
I +-sample 5ul [Sample Pr	rotoco]]
1 1 1	ple Rack – Level 1 – 5.0ul, Speed: 2, Air Gap 1ul
	ction Plate – Level 1 –5.0ul, Speed: 2, Dispense Low
I	
+- Level 2 [Type]	
I	
I +-sample 5ul [Sample Pr	rotocol]
I Aspirate samp	ble Rack – Level 2 – 5.0ul, Speed: 2, Air Gap 1ul
I Dispense Read	ction Plate – Level 2 – 5.0ul, Speed: 2, Dispense Lo
Ι	
+- Unknown [Type]	

I I I	+-sample 5ul [Sample Protocol] Aspirate Sample Rack – Unknown – 5.0ul, Speed: 2, Air Gap 1ul
Ι	Dispense Reaction Plate – Unknown –5.0ul, Speed: 2, Dispense Low
Ι	
+-	200ul Rgnt [Sample Protocol]
Ι	Aspirate Reagent Rack SQ – CK – 200ul, Speed: 2, Warm 20s, Air Gap 50ul
Ι	Dispense Reaction Plate – ALL – 200ul, Speed: 2, Dispense High, Mix
Ι	
+-	Read

Analyzer: Chemwell Test: Cholesterol, Liquid Catalog # :C7510

Options: Assignment Order: Optimized order execution Temperature Control to 37C Dispense push Volume 15ul Reagent / Sample low: Reagent Sample error: Bottle 1 (Wash) low: Bottle 2 (Rinse) low: Use new curve by default Use new blank by default	8-way in groups of 4 Look For another Halt immediately Halt at end of wash Halt at end of wash	
Cholesterol Liquid (Pointe)		
I		
+- Method		
I Standard Mode		
I Reagent Blank		
I Filters: 505 - 630	.1	
I Standard: user define I Normal: <= 200	d	
I Normal: ≤ 200 I Linear: ≤ 500		
I Using Level I Controls		
I Using Level II Controls		
I		
+- Report Protocol		
	ard with stats.RPT	
I +- Blank [Type]		
I		
+- Standard [Type]		
I		
I +-sample protocol [Samp		
	k – Chemistry Multi-Calibrator – 2.5ul, Speed: 2, Air Gap 2ul	
I Dispense Reaction Pl I	ate - Standard – 2.5ul, Speed: 2, Dispense Low	
+- Level 1 [Type]		
I		
I +-sample protocol [Sam	ple Protocol]	
I Aspirate Sam	ple Rack – Level 1 – 2.5ul, Speed: 2, Air Gap 2ul	

I I	Dispense Reaction Plate – Level 1 – 2.5ul, Speed: 2, Dispense Low
+- I	Level 2 [Type]
Ι	+-sample protocol [Sample Protocol]
Ι	Aspirate sample Rack – Level 2 – 2.5ul, Speed: 2, Air Gap 2ul
Ι	Dispense Reaction Plate – Level 2 – 2.5ul, Speed: 2, Dispense Low
Ι	
+-	Unknown [Type]
Ι	
Ι	+-sample protocol [Sample Protocol]
Ι	Aspirate Sample Rack – Unknown – 2.5ul, Speed: 2, Air Gap 2ul
Ι	Dispense Reaction Plate – Unknown – 2.5ul, Speed: 2, Dispense Low
Ι	
+-	240uL rgnt protocol [Sample Protocol]
Ι	Aspirate Reagent Rack SQ – Cholesterol Reagent – 240ul, Speed: 2, Air Gap 50ul
Ι	Dispense Reaction Plate – ALL – 240ul, Speed: 2, Dispense High, Mix
	Incubate – 10:00
+- T	nicubate – 10.00
T	Read
+-	NCau

Options:

Assignment Order: Optimized order execution	8-way in groups of 4
Temperature Control to 37C	
Dispense push Volume 25ul	
Reagent / Sample low:	Look For another
Reagent Sample error:	Halt immediately
Bottle 1 (Wash) low:	Halt at end of wash
Bottle 2 (Rinse) low:	Halt at end of wash
Use new curve by default	
Use new blank by default	
Calcium CPC (Pointe)	
I	
+- Process Protocol	
I Standard Mode	
I Reagent Blank I Differential Blank	
I Filters: 545 - 700	
I Standard: user define	b.
I Normal: 8.5 to 10.4	•
I Linear: $< = 15.0$	
I Using Level I Control	ls
I Using Level II Control	bls
Ι	
+- Report Protocol	
	ard with stats.RPT
I	
+- 200uL rgnt protocol [San	nple Protocol]
I Wash Probe	cont Back SO Calcium CDC Baccont 200ul Speed: 1 Air Can 50ul
	ent Rack SQ – Calcium CPC Reagent – 200ul, Speed: 1, Air Gap 50ul ction Plate – ALL – 200ul, Speed: 2, Dispense High, Mix
I Dispense Read	tion Flate – ALL – 20001, Speed. 2, Dispense fligh, Mix
+- Read	
I	
+- Blank [Type]	
Ι	
+- Standard [Type]	
Ι	
I +-4ul sample protocol [Sa	ample Protocol]

Analyzer: Chemwell Test: Calcium CPC Catalog # :C7503/ C7508

I	Aspirate Sample Rack – Chemistry Multi-Calibrator – 4.0ul, Speed: 1, Air Gap lul
I T	Dispense Reaction Plate - Standard – 4.0ul, Speed: 0, Dispense High, Mix
1	Laval 1 [Type]
+- T	Level 1 [Type]
I T	4 vil sample protocol [Comple Protocol]
I	+-4ul sample protocol [Sample Protocol]
I T	Aspirate Sample Rack – Level 1 – 4.0ul, Speed: 1, Air Gap 1ul
I T	Dispense Reaction Plate – Level $1 - 4.0$ ul, Speed: 0, Dispense High, Mix
1	
+- T	Level 2 [Type]
I	+-4ul sample protocol [Sample Protocol]
I T	
I T	Aspirate sample Rack – Level 2 – 4.0ul, Speed: 1, Air Gap 1ul Dispense Reaction Plate – Level 2 – 4.0ul, Speed: 0, Dispense High, Mix
I T	Dispense Reaction Flate – Level 2 – 4.001, Speed. 0, Dispense Figh, Mix
1 +-	Unknown [Type]
T-	
I	+-4ul sample protocol [Sample Protocol]
I	Aspirate Sample Rack – Unknown – 4.0ul, Speed: 1, Air Gap 1ul
T	Dispense Reaction Plate – Unknown – 4.0ul, Speed: 0, Dispense High, Mix
T	Dispense Reaction Flate – Offknown – 4.001, Speed. 0, Dispense Fligh, Wix
т +-	Incubate – 1:00
T	Incubate – 1.00
т +-	Read
1	itera in the second sec

Analyzer: Chemwell Test: Calcium AZIII Catalog # :C7529

Options: Assignment Order:

Assignment Order:	8-way in groups of 4
Optimized order execution	
Temperature Control to 37C	
Dispense push Volume 25ul	
Reagent / Sample low:	Look For another
Reagent Sample error:	Halt immediately
Bottle 1 (Wash) low:	Halt at end of wash
Bottle 2 (Rinse) low:	Halt at end of wash
Use new curve by default	
Use new blank by default	
Calcium AZ III (Pointe)	
Ι	
+- Process Protocol	
I Standard Mode	
I Reagent Blank	
I Differential Blank	
I Filters: 630 – 700	
I Standard: user define	ed
I Normal: 8.5 to 10.4	
I Linear: $< = 15.0$	
I Using Level I Contro	ls
I Using Level II Contro	
I	
+- Report Protocol	
I Default Stand	ard with stats.RPT
Ι	
+- 200uL rgnt protocol [Sar	nple Protocol]
I Wash Probe	
I Aspirate Reag	gent Rack SQ – Calcium AZIII Reagent – 200ul, Speed: 1, Air Gap 50ul
I Dispense Rea	ction Plate – ALL – 200ul, Speed: 2, Dispense High, Mix
I	
+- Read	
Ι	
+- Blank [Type]	
Ι	
+- Standard [Type]	
Ι	
I +-2ul sample protocol [S	ample Protocol]

I I	Aspirate Sample Rack – Chemistry Multi-Calibrator. – 2.0ul, Speed: 1, Air Gap lul Dispense Reaction Plate - Standard – 2.0ul, Speed: 0, Dispense High, Mix
I +-	Level 1 [Type]
I I I I	+-2ul sample protocol [Sample Protocol] Aspirate Sample Rack – Level 1 – 2.0ul, Speed: 1, Air Gap 1ul Dispense Reaction Plate – Level 1 – 2.0ul, Speed: 0, Dispense High, Mix
I +- I	Level 2 [Type]
I I I I	+-2ul sample protocol [Sample Protocol] Aspirate sample Rack – Level 2 – 2.0ul, Speed: 1, Air Gap 1ul Dispense Reaction Plate – Level 2 – 2.0ul, Speed: 0, Dispense High, Mix
- I	Unknown [Type]
I I I I I	+-2ul sample protocol [Sample Protocol] Aspirate Sample Rack – Unknown – 2.0ul, Speed: 1, Air Gap 1ul Dispense Reaction Plate – Unknown – 2.0ul, Speed: 0, Dispense High, Mix
+- I +-	Incubate – 1:00 Read

Analyzer: Chemwell Test: BUN Catalog # :B7552

Options: Assignment Order: Optimized order execution Temperature Control to 37C Dispense push Volume 25ul Reagent / Sample low: Reagent Sample error: Bottle 1 (Wash) low: Bottle 2 (Rinse) low: Use new curve by default	8-way in groups of 4 Look For another Halt immediately Halt at end of wash Halt at end of wash		
BUN (Pointe)			
I Mathad			
+- Method I Rate by Standard Mo	de		
I Filters: $340 - 630$			
I Fixed Time Mode			
I Standard: user defined			
I Normal: 7 to 18			
I Linear: $< = 80$			
Ι			
+- Report Protocol			
I Ratestandard with SI).rpt		
+- Standard [Type] I			
+- Sample Protocol [Sampl	e Protocoll		
1 - 1	k – Chemistry Multi-Calibrator – 2.5ul, Speed: 2, Air Gap lul		
	ate - Standard – 2.5ul, Speed: 2, Dispense Low		
I			
+- Level 1 [Type]			
Ι			
I +-sample protocol [Sam			
	ple Rack – Level 1 – 2.5ul, Speed: 2, Air Gap 1ul		
-	ction Plate – Level 1 – 2.5ul, Speed: 2, Dispense Low		
I Lavel 2 [Type]			
+- Level 2 [Type]			

I I I	+-sample protocol [Sample Protocol] Aspirate sample Rack – Level 2 – 2.5ul, Speed: 2, Air Gap 1ul
Ī	Dispense Reaction Plate – Level $2 - 2.5$ ul, Speed: 2, Dispense Low
Ī	
+-	Unknown [Type]
Ι	
Ι	+-sample protocol [Sample Protocol]
Ι	Aspirate Sample Rack – Unknown – 2.5ul, Speed: 2, Air Gap 1ul
Ι	Dispense Reaction Plate – Unknown – 2.5ul, Speed: 2, Dispense Low
Ι	
+-	200uL rgnt protocol [Sample Protocol]
Ι	Aspirate Reagent Rack SQ – BUN Rgnt – 200 ul, Speed: 1, Warm 20s, Air Gap 50ul
Ι	Dispense Reaction Plate – All – 200ul, Speed: 1, Dispense High, Mix
Ι	
+-	Read



Analyzer: Chemwell Test: AST - SGOT Catalog # : A7561

Options:8-way in groups of 4Assignment Order:8-way in groups of 4Optimized order execution7Temperature Control to 37C5Dispense push Volume 40ul1Reagent / Sample low:Look For anotherReagent Sample error:Halt immediatelyBottle 1 (Wash) low:Halt at end of washBottle 2 (Rinse) low:Halt at end of wash

AST/SGOT (Pointe) Ι +- Method Ι Rate by Factor Mode Filters: 340 - 405 Ι Ι Lag: 90 sec, Read: 180 sec, Interval 60 sec Factor: -1768 (Adjusted for path length: -3004) Ι Ι Total Volume: 220.0ul I Units: U/L Normal: 5-34 Ι I Linear: < = 400Ι +-**Report Protocol** Ι Ratefactor with SD.rpt Ι +- Level 1 [Type] Ι Ι +-20 ul sample protocol [Sample Protocol] Aspirate Sample Rack – Level 1 – 20.0ul, Speed: 4, Air Gap 1ul Ι Ι Dispense Reaction Plate – Level 1 – 20.0ul, Speed: 2, Dispense Low, Mix Ι +-Level 2 [Type] Ι Ι +-20 ul sample protocol [Sample Protocol] Ι Aspirate sample Rack – Level 2 – 20.0ul, Speed: 4, Air Gap 1ul Ι Dispense Reaction Plate – Level 2 – 20.0ul, Speed: 2, Dispense Low, Mix Ι Unknown [Type] +-Ι Ι +-20 ul sample protocol [Sample Protocol] Ι Aspirate Sample Rack – Unknown – 20.0ul, Speed: 4, Air Gap 1ul

I Dispense Reaction Plate – Unknown – 20.0ul, Speed: 2, Dispense Low, Mix
 I
 +- 200uL rgnt protocol [Sample Protocol]
 I Aspirate Reagent Rack SQ – AST Rgnt – 200 ul, Speed: 1, Warm 10s, Air Gap 50ul
 I Dispense Reaction Plate – All – 200ul, Speed: 2, Dispense High, Mix
 I
 +- Read

Rev: 1/03



Analyzer: Chemwell Test: Amylase Catalog # : A7564

Options: Assignment Order: 8-way in groups of 4 Optimized order execution Temperature Control to 37C Dispense push Volume 25ul Reagent / Sample low: Look For another Reagent Sample error: Halt immediately Bottle 1 (Wash) low: Halt at end of wash Bottle 2 (Rinse) low: Halt at end of wash Amylase (Pointe) I +- Process Protocol Rate by Factor Mode Ι I Filters: 405 - 630 Lag: 60 sec, Read: 120 sec, Interval 60 sec I I Factor: 3178 (Adjusted for path length: 5795) Ι Total Volume: 205.0ul Ι Units: U/L Normal: 25 to 125 Ι I Linear: < = 2000Ι **Report Protocol** +-Ratefactor with SD.rpt Ι I +- Level 1 [Type] Ι Ι +-sample protocol [Sample Protocol] Ι Aspirate Sample Rack – Level 1 – 5.0ul, Speed: 2, Air Gap 1ul Dispense Reaction Plate – Level 1 – 5.0ul, Speed: 2, Dispense Low, Mix I I Level 2 [Type] +-I Ι +-sample protocol [Sample Protocol] Aspirate sample Rack – Level 2 – 5.0ul, Speed: 2, Air Gap 1ul Ι Ι Dispense Reaction Plate – Level 2 – 5.0ul, Speed: 2, Dispense Low, Mix I Unknown [Type] +-Ι Ι +-sample protocol [Sample Protocol] Ι Aspirate Sample Rack – Unknown – 5.0ul, Speed: 2, Air Gap 1ul

I Dispense Reaction Plate – Unknown – 5.0ul, Speed: 2, Dispense Low, Mix
 +- 200uL rgnt protocol [Sample Protocol]
 I Aspirate Reagent Rack SQ – Amylase – 200 ul, Speed: 1, Warm 15s, Air Gap 50ul
 I Dispense Reaction Plate – All – 200ul, Speed: 2, Dispense High, Mix
 +- Read

Rev: 1/03



Analyzer: Chemwell Test: ALT - SGPT Catalog # : A7526

Options: Assignment Order: 8-way in groups of 4 Optimized order execution Temperature Control to 37C Dispense push Volume 40ul Reagent / Sample low: Look For another Reagent Sample error: Halt Immediately Bottle 1 (Wash) low: Halt at end of wash Bottle 2 (Rinse) low: Halt at end of wash ALT/SGPT (Pointe) I

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+- Method
       Rate by Factor Mode
Ι
       Filters: 340 - 405
I
       Lag: 90 sec, Read: 180 sec., Interval 60 sec.
Ι
Ι
       Factor: -1768 (Adjusted for path length: -3004)
       Total Volume: 220.0ul
I
       Units: U/L
Ι
I
       Normal: < = 38
       Linear: < = 400
Ι
Ι
   Report Protocol
+-
Ι
              Ratefactor with SD.rpt
Ι
   Level 1 [Type]
+-
Ι
Ι
    +-20ul sample [Sample Protocol]
Ι
              Aspirate Sample Rack – Level 1 –20.0ul, Speed: 4, Air Gap 1ul
              Dispense Reaction Plate – Level 1 – 20.0ul, Speed: 2, Dispense Low, Mix
Ι
I
+-
    Level 2 [Type]
I
Ι
    +-20ul sample [Sample Protocol]
Ι
              Aspirate Sample Rack – Level 2 – 20.0ul, Speed: 4, Air Gap 1ul
Ι
              Dispense Reaction Plate – Level 2 – 20.0ul, Speed: 2, Dispense Low, Mix
Ι
+-
    Unknown [Type]
Ι
Ι
    +-20ul sample protocol [Sample Protocol]
I
              Aspirate Sample Rack – Unknown – 20.0ul, Speed: 4, Air Gap 1ul
```

Ι	Dispense Reaction Plate – Unknown –20.0ul, Speed: 2, Dispense Low, Mix
Ι	
+-	200ul Rgnt [Sample Protocol]
Ι	Aspirate Reagent Rack SQ – ALT Working Rgnt – 200ul, Speed: 1, Warm 10s,
Ι	Air Gap 50ul
Ι	Dispense Reaction Plate – ALL – 200ul, Speed: 2, Dispense High, Mix
Ι	
+-	Read
Rev	v: 1/03



Options:

Assignment Order:

Optimized order execution

Analyzer: Chemwell Test: Alkaline Phosphatase Catalog # : A7516

Temperature Control to 37C Dispense push Volume 40ul Reagent / Sample low: Look For another Reagent Sample error: Halt immediately Bottle 1 (Wash) low: Halt at end of wash Bottle 2 (Rinse) low: Halt at end of wash Alk Phos (Pointe) I Process Protocol +-Rate by Factor Mode Ι Filters: 405 - 630 I Lag: 60 sec, Read: 120 sec, Interval 60 sec Ι Ι Factor: 2187 (Adjusted for path length: 3988) Total Volume: 205.0ul I Units: U/L Ι I Normal: 35 to 123 Linear: < = 1000Ι Ι **Report Protocol** +-Ratefactor with SD.rpt Ι I Level 1 [Type] +-Ι Ι +-sample protocol [Sample Protocol] Ι Aspirate Sample Rack – Level 1 – 5.0ul, Speed: 2, Air Gap 2ul Ι Dispense Reaction Plate – Level 1 – 5.0ul, Speed: 2, Dispense Low I +-Level 2 [Type] I +-sample protocol [Sample Protocol] Ι Ι Aspirate sample Rack – Level 2 – 5.0ul, Speed: 2, Air Gap 2ul Ι Dispense Reaction Plate – Level 2 – 5.0ul, Speed: 2, Dispense Low Ι +-Unknown [Type] Ι Ι +-sample protocol [Sample Protocol] I Aspirate Sample Rack – Unknown – 5.0ul, Speed: 2, Air Gap 2ul

8-way in groups of 4

I Dispense Reaction Plate – Unknown – 5.0ul, Speed: 2, Dispense Low
 I +- 200uL rgnt protocol [Sample Protocol]
 I Aspirate Reagent Rack SQ – Alk Phos – 200 ul, Speed: 1, Warm 15s, Air Gap 50ul
 I Dispense Reaction Plate – All – 200ul, Speed: 2, Dispense High, Mix
 I +- Read

Rev: 1/03

Analyzer: Chemwell Test: Uric Acid Catalog #: U7581

Options:

Assignment Order:	8-way in groups of 4
Optimized order execution	o-way in groups of 4
Temperature Control to 37C	
Dispense push Volume 15ul	
Reagent / Sample low:	Look For another
Reagent Sample error:	Halt Immediately
Bottle 1 (Wash) low:	Halt at end of wash
Bottle 2 (Rinse) low:	Halt at end of wash
Use new curve by default	
Use new blank by default	
Uric Acid (Pointe)	
I +- Process Protocol	
 +- Process Protocol I Standard Mode 	
I Reagent Blank	
I Differential Blank	
I Filters: $505 - 630$	
I Standard: user defined	
I Normal: 2.5 to 7.7	
I Linear: $\langle = 25.0$	
I Using Level I Contro	
I Using Level II Contro	ols
I	
 +- Report Protocol I Default Standard. With stats.RPT 	
I Default Stand	ard. with stats.RP1
	nnle Protocoll
 +- 200ul Rgnt protocol [Sample Protocol] I Aspirate Reagent Rack SQ – Uric Acid Rgnt – 200ul, Speed: 1, Air Gap 50ul 	
1 6	ction Plate – ALL – 200ul, Speed: 2, Dispense High, Mix
I	
+- Incubate – 1:00	
Ι	
+- Read	
I	
+- Blank [Type]	
I Standard [Tana]	
+- Standard [Type]	
Ι	

 +-5ul sample protocol [Sample Protocol] Aspirate Sample Rack –Chemistry Multi-Calibrator – 5.0ul, Speed: 1, Air Gap 1ul
Dispense Reaction Plate – Standard – 5.0ul, Speed: 0, Dispense High, Mix
+- Level 1 [Type]
I +-5ul sample [Sample Protocol]
Aspirate Sample Rack – Level 1 –5.0ul, Speed: 1, Air Gap 1ul
I Dispense Reaction Plate – Level 1 – 5.0ul, Speed: 0, Dispense High, Mix
[
+- Level 2 [Type]
[
[+-5ul sample [Sample Protocol]
Aspirate Sample Rack – Level 2 – 5.0ul, Speed: 1, Air Gap 1ul
Dispense Reaction Plate – Level 2 – 5.0ul, Speed: 0, Dispense High, Mix
+- Unknown [Type]
+-5ul sample protocol [Sample Protocol]
Aspirate Sample Rack – Unknown – 5.0ul, Speed: 1, Air Gap 1ul
Dispense Reaction Plate – Unknown –5.0ul, Speed: 0, Dispense High, Mix
+- Incubate – 10:00
+- Read
Rev: 4-01