Pointe Scientific, Inc.

Instrument Application

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)
I
+- Process Protocol
I Standard Mode
I Reagent blank
I Filters: 630 - 700
I Duplicate samples
I Standard: user defined
I Normal: 3.5 to 5.3
I linear: 0.5 to 8.0
I Using Level I Controls
I Using Level II Controls
I
+- Report Protocol
I Default Standard. with stats. RPT
I
+- Blank [Type]
I
+- Standard [Type]
I
I +-2 ul sample protocol [Sample Protocol]
I Aspirate Sample Rack – Chemistry Multi-Calibrator -2.0ul, Speed: 2, Air Gap 2ul
I Dispense Reaction Plate – Standard – 2.0ul, Speed: 2, Dispense Low
I
+- Level 1 [Type]
I
I +- 2 ul sample protocol [Sample Protocol]
I Aspirate Sample Rack – Level 1 – 2.0ul, Speed: 2, Air Gap 2ul
I Dispense Reaction Plate – Level 1 – 2.0ul, Speed: 2, Dispense Low
I
+- Level 2 [Type]

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

Rev: 1/03

Pointe Scientific, Inc.

Instrument Application

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)
I
+- Method
I Standard Mode
I Reagent Blank
I Differential Blank
I Filters: 505 – 630
I Standard: user defined
I Normal: 36 to 165
I Linear: < = 1000
I Using Level I Controls
I Using Level II Controls
I
+- Report Protocol
I Default Standard. With stats.RPT
I
+- Reagent [Sample Protocol]
I Aspirate Reagent Rack SQ – Triglycerides Reagent – 200ul, Speed: 2, Air Gap 50ul
I Dispense Reaction Plate – ALL – 200 ul, Speed: 1, Dispense High, Mix
I
+- Incubate – 2:00
I
+- Read
I
+- Blank [Type]
I
+- Standard [Type]
I

I +-sample protocol [Sample Protocol]
I Aspirate Sample Rack – Chemistry Multi-Calibrator – 2.5ul, Speed: 2, Air Gap 1ul
I Dispense Reaction Plate – Standard – 2.5ul, Speed: 0, Dispense High, Mix
I
+- Level 1 [Type]
I
I +-sample [Sample Protocol]
I Aspirate Sample Rack – Level 1 –2.5ul, Speed: 2, Air Gap 1ul
I Dispense Reaction Plate – Level 1 – 2.5ul, Speed: 0, Dispense High, Mix
I
+- Level 2 [Type]
I
I +-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
+- Unknown [Type]
I
I +-sample protocol [Sample Protocol]
I Aspirate Sample Rack – Unknown – 2.5ul, Speed: 2, Air Gap 1ul
I Dispense Reaction Plate – Unknown –2.5ul, Speed: 0, Dispense High, Mix
I
+- Incubate – 10:00
I
+- Read

Rev: 4-01

Pointe Scientific, Inc.

Instrument Application

Analyzer: Chemwell
Test: Total Iron
Catalog #: I7505

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
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	

Total Iron (Pointe)
I
+- 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
+- Report Protocol
I Default Standard. With stats.RPT
I
+- Blank [Type]
I
+- Standard [Type]
I
I +-sample [Sample Protocol]
I Aspirate Sample Rack –Chemistry Multi-Calibrator – 40ul, Speed: 2, Air Gap 50ul
I Dispense Reaction Plate – Standard – 40ul, Speed: 2, Dispense High
I
+- Level 1 [Type]
I
I +-sample protocol [Sample Protocol]
I Aspirate Sample Rack – Level 1 – 40ul, Speed: 2, Air Gap 50ul

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

Pointe Scientific, Inc.

Instrument Application

Analyzer: Chemwell
Test: Total Protein
Catalog #: T7528

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:	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	

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 II Controls
I
+- Report Protocol
I Default Standard. With stats.RPT
I
+- Blank [Type]
I
+- Standard [Type]
I
I +-4ul sample protocol [Sample Protocol]
I Aspirate Sample Rack –Chemistry Multi-Calibrator – 4.0ul, Speed: 2, Air Gap 2ul
I Dispense Reaction Plate – Standard – 4.0ul, Speed: 2, Dispense Low
I
+- Level 1 [Type]
I
I +-4ul sample [Sample Protocol]
I Aspirate Sample Rack – Level 1 –4.0ul, Speed: 2, Air Gap 2ul

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

Rev: 4-01

Pointe Scientific, Inc.

Instrument Application

Analyzer: Chemwell
Test: Total Bilirubin
Catalog #: B7576

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:	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	

Total Bilirubin (1-Part)
I
+- Process Protocol
I Standard Mode
I Reagent Blank
I Differential Blank
I Filters: 545 – 630
I Standard: user defined
I Normal: 0.2 to 1.2
I Linear: < = 20.0
I Using Level I Controls
I Using Level II Controls
I
+- Report Protocol
I Default Standard. With stats.RPT
I
+- 200ul Rgnt protocol [Sample Protocol]
I Aspirate Reagent Rack SQ – Total Bilirubin Working Rgnt – 200ul,
I Speed: 1, Air Gap 50ul
I Dispense Reaction Plate – ALL – 200ul, Speed: 2, Dispense High
I
+- Read
I
+- Blank [Type]
I
+- Standard [Type]

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

Rev: 4-01

Pointe Scientific, Inc.

Instrument Application

Analyzer: Chemwell
Test: Phosphorus
Catalog #: P7516

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:	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 defined
I Normal: 2.5 to 4.8
I Linear: < = 12.0
I Using Level I Controls
I Using Level II Controls
I
+- Report Protocol
I Default Standard. With stats.RPT
I
+- 200ul Rgnt protocol [Sample Protocol]
I Aspirate Reagent Rack SQ – Phosphorus – 200ul, Speed: 1, Air Gap 50ul
I Dispense Reaction Plate – ALL – 200ul, Speed: 1, Dispense High, Mix
I
+- Incubate – 2:00
I
+- Read
I
+- Blank [Type]
I
+- Standard [Type]
I

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

Rev: 4-01

Pointe Scientific, Inc.

Instrument Application

Analyzer: Chemwell
Test: Magnesium
Catalog #: M7527

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:	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	

Magnesium (Pointe)
I
+- Process Protocol
I Standard Mode
I Reagent Blank
I Differential Blank
I Filters: 545 - 700
I Standard: user defined
I Normal: 1.3 to 2.5
I Linear: < = 4.0
I Using Level I Controls
I Using Level II Controls
I
+- Report Protocol
I Default Standard. With stats.RPT
I
I +-200ul rgnt protocol [Sample Protocol]
I Aspirate Reagent Rack SQ – Magnesium – 200ul, Speed: 1, Air Gap 50ul
I Dispense Reagent Plate – ALL – 200ul, Speed: 2, Dispense High, Mix
I
+- Incubate – 1:00
I
+- Read
I
+- Blank [Type]
I
+- Standard [Type]
I

I +-2ul sample protocol [Sample Protocol]
I Aspirate Sample Rack – Chemistry Multi-Calibrator – 2.0ul, Speed: 1, Air Gap 1ul
I Dispense Reaction Plate – Standard – 2.0ul, Speed: 0, Dispense High, Mix
I
+- Level 1 [Type]
I
I +-2ul sample [Sample Protocol]
I Aspirate Sample Rack – Level 1 –2.0ul, Speed: 1, Air Gap 1ul
I Dispense Reaction Plate – Level 1 – 2.0ul, Speed: 0, Dispense High, Mix
I
+- Level 2 [Type]
I
I +-2 ul sample [Sample Protocol]
I Aspirate Sample Rack – Level 2 – 2.0ul, Speed: 1, Air Gap 1ul
I Dispense Reaction Plate – Level 2 – 2.0ul, Speed: 0, Dispense High, Mix
I
+- Unknown [Type]
I
I +-2ul sample protocol [Sample Protocol]
I Aspirate Sample Rack – Unknown – 2.0ul, Speed: 1, Air Gap 1ul
I Dispense Reaction Plate – Unknown –2.0ul, Speed: 0, Dispense High, Mix
I
+- Incubate – 5:00
I
+- Read

Rev: 4-01

Pointe Scientific, Inc.

Instrument Application

Analyzer: Chemwell
Test: auto LDL
Catalog #: L7574

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:	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	

Liquid Auto-LDL
I
+- Method
I Standard Mode
I Reagent Blank
I Differential Blank
I Filters: 545 – 700
I Standard: user defined
I Normal: < = 130
I Linear: 0 to 700
I
+- Report Protocol
I Default Standard. With stats.RPT
I
+- Blank [Type]
I
+- Standard [Type]
I
I +-sample protocol [Sample Protocol]
I Aspirate Sample Rack – LDL Cholesterol Calib. – 3.0ul, Speed: 2, Air Gap 2ul
I Dispense Reaction Plate – Standard – 3.0ul, Speed: 2, Dispense Low
I
+- Lipid Control 1 [Type]
I
I +-sample [Sample Protocol]
I Aspirate Sample Rack – Lipid Ctl 1 – 3.0ul, Speed: 2, Air Gap 2ul

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

Rev: 4-01

Pointe Scientific, Inc.

Instrument Application

Analyzer: Chemwell
Test: auto HDL
Catalog # :H7545

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:	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	

Liquid Auto-HDL
I
+- Method
I Standard Mode
I Reagent Blank
I Differential Blank
I Filters: 600 – 700
I Standard: user defined
I Normal: < = 35
I Linear: 2 to 200
I
+- Report Protocol
I Default Standard. With stats.RPT
I
+- Blank [Type]
I
+- Standard [Type]
I
I +-sample protocol [Sample Protocol]
I Aspirate Sample Rack – HDL Cholesterol Calib. – 3.0ul, Speed: 2, Air Gap 2ul
I Dispense Reaction Plate – Standard – 3.0ul, Speed: 2, Dispense Low
I
+- Lipid Control 1 [Type]
I
I +-sample [Sample Protocol]
I Aspirate Sample Rack – Lipid Ctl 1 – 3.0ul, Speed: 2, Air Gap 2ul
I Dispense Reaction Plate - Lipid Ctl 1 – 3.0ul, Speed: 2, Dispense Low
I

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

Rev: 2-01

Pointe Scientific, Inc.

Instrument Application

Analyzer: Chemwell
Test: LDH
Catalog # :L7572

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

LDH (Pointe)
I
+- Method
I Rate by Factor Mode
I Filters: 340 – 405
I Lag: 60 sec, Read: 180 sec, Interval 60 sec
I Factor: 3376 (Adjusted for path length: 6010)
I Total Volume: 210.0ul
I Units: IU/L
I Normal: 89 to 221
I Linear: < = 1000
I
+- Report Protocol
I Ratefactor with SD.rpt
I
+- Level 1 [Type]
I
I +-sample 10ul [Sample Protocol]
I Aspirate Sample Rack – Level 1 –10.0ul, Speed: 2, Air Gap 1ul
I Dispense Reaction Plate – Level 1 – 10.0ul, Speed: 2, Dispense Low
I
+- Level 2 [Type]
I
I +-sample 10ul [Sample Protocol]
I Aspirate sample Rack – Level 2 – 10.0ul, Speed: 2, Air Gap 1ul
I Dispense Reaction Plate – Level 2 – 10.0ul, Speed: 2, Dispense Low
I
+- Unknown [Type]

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

Rev: 4-01

Pointe Scientific, Inc.

Instrument Application

Analyzer: Chemwell
Test: Glucose Ox
Catalog # :G7521

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 Oxidase (Pointe)
I
+- Process Protocol
I 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
I
+- Blank [Type]
I
+- Standard [Type]
I
I +-2.5ul sample [Sample Protocol]
I Aspirate Sample Rack – Chemistry Multi-Calibrator - 2.5ul, Speed: 2, Air Gap 2ul
I Dispense Reaction Plate – Standard – 2.5ul, Speed: 2, Dispense Low
I
+- Level 1 [Type]
I
I +- 2.5ul sample [Sample Protocol]
I Aspirate Sample Rack – Level 1 – 2.5ul, Speed: 2, Air Gap 2ul

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

Rev: 2-01

Pointe Scientific, Inc.

Instrument Application

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)
I
+- Method
I Standard Mode
I Reagent blank
I Filters: 340 – 405
I Standard: user defined
I Normal: 70 to 110
I linear: <= 500
I Using Level I Controls
I Using Level II Controls
I
+- Report Protocol
I Default Standard. with stats. RPT
I
+- Blank [Type]
I
+- Standard [Type]
I
I +-sample [Sample Protocol]
I Aspirate Sample Rack – Chemistry Multi-Calibrator - 2.5ul, Speed: 2, Air Gap 1ul
I Dispense Reaction Plate – Standard – 2.5ul, Speed: 2, Dispense Low
I
+- Level 1 [Type]
I
I +- sample [Sample Protocol]
I Aspirate Sample Rack – Level 1 – 2.5ul, Speed: 2, Air Gap 1ul
I Dispense Reaction Plate – Level 1 – 2.5ul, Speed: 2, Dispense Low

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

Rev: 4-01

Pointe Scientific, Inc.

Instrument Application

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)
I
+- Process Protocol
I Rate by Factor Mode
I Filters: 405 – 630
I Lag: 90 sec, Read: 120 sec., Interval 60 sec.
I Factor: 2211 (Adjusted for path length: 3936)
I Total Volume: 210.0ul
I Units: U/L
I Normal: 8 to 54
I Linear: < = 1000
I
+- Report Protocol
I Ratefactor with SD.rpt
I
+- Level 1 [Type]
I
I +-sample [Sample Protocol]
I Aspirate Sample Rack – Level 1 –10.0ul, Speed: 2, Air Gap 1ul
I Dispense Reaction Plate – Level 1 – 10.0ul, Speed: 2, Dispense Low
I
+- Level 2 [Type]
I
I +-sample [Sample Protocol]
I Aspirate Sample Rack – Level 2 – 10.0ul, Speed: 2, Air Gap 1ul
I Dispense Reaction Plate – Level 2 – 10.0ul, Speed: 2, Dispense Low
I
+- Unknown [Type]
I
I +-sample protocol [Sample Protocol]

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

Rev: 4-01

Pointe Scientific, Inc.

Instrument Application

Analyzer: Chemwell
Test: EIA TSH
Catalog # :BC1001

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

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

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

Rev: 4-01

Pointe Scientific, Inc.

Instrument Application

Analyzer: Chemwell
Test: EIA T3
Catalog # :BC1005

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

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

+- Incubate – 1:00
I
+- Read

Rev: 4-01

Pointe Scientific, Inc.

Instrument Application

Analyzer: Chemwell
Test: Creatinine
Catalog # :C7539

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:	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	

Creatinine (Pointe)
I
+- Method
I Rate by Standard Mode
I Filters: 505 – 630
I Fixed Time Mode
I Lag: 50 sec, Read: 150 sec
I Standard: user defined
I Normal: 0.4 to 1.4
I Linear: < = 25.0
I
+- Report Protocol
I Rate Standard. With SD.rpt
I
+- Standard [Type]
I
I +-20ul sample protocol [Sample Protocol]
I Aspirate Sample Rack – Chemistry Multi-Calibrator – 20ul, Speed: 4, Air Gap 1ul
I Dispense Reaction Plate – Standard – 20.0ul, Speed: 2, Dispense Low, Mix
I
+- Level 1 [Type]
I
I +-20ul sample protocol [Sample Protocol]
I Aspirate Sample Rack – Level 1 – 20.0ul, Speed: 4, Air Gap 1ul
I Dispense Reaction Plate – Level 1 – 20.0ul, Speed: 2, Dispense Low, Mix
I
+- Level 2 [Type]

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

Rev: 4-01

Pointe Scientific, Inc.

Instrument Application

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

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

CK-MB (Pointe)
I
+- Method
I Rate by Factor Mode
I Filters: 340 - 405
I Lag: 300 sec, Read: 180 sec, Interval 60 sec
I Factor: 13504 (Adjusted for path length: 24625)
I Total Volume: 205.0ul
I Units: IU/L
I Normal: 0 to 22
I Linear: < = 500
I
+- Report Protocol
I Ratefactor with SD.rpt
I
+- Level 1 [Type]
I
I +-Sample 5ul [Sample Protocol]
I Aspirate Sample Rack – Level 1 – 5.0ul, Speed: 2, Air Gap 1ul
I Dispense Reaction Plate – Level 1 –5.0ul, Speed: 2, Dispense Low
I
+- Level 2 [Type]
I
I +-Sample 5ul [Sample Protocol]
I Aspirate sample Rack – Level 2 – 5.0ul, Speed: 2, Air Gap 1ul
I Dispense Reaction Plate – Level 2 – 5.0ul, Speed: 2, Dispense Low
I
+- Unknown [Type]

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

Rev: 4-01

Pointe Scientific, Inc.

Instrument Application

Analyzer: Chemwell
Test: CK
Catalog # :C7522

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

CK (Pointe)
I
+- Method
I Rate by Factor Mode
I Filters: 340 - 405
I Lag: 120 sec, Read: 120 sec, Interval 60 sec
I Factor: 6592 (Adjusted for path length: 12021)
I Total Volume: 205.0ul
I Units: IU/L
I Normal: 0 to 160
I Linear: < = 1500
I
+- Report Protocol
I Ratefactor with SD.rpt
I
+- Level 1 [Type]
I
I +-sample 5ul [Sample Protocol]
I Aspirate Sample Rack – Level 1 – 5.0ul, Speed: 2, Air Gap 1ul
I Dispense Reaction Plate – Level 1 –5.0ul, Speed: 2, Dispense Low
I
+- Level 2 [Type]
I
I +-sample 5ul [Sample Protocol]
I Aspirate sample Rack – Level 2 – 5.0ul, Speed: 2, Air Gap 1ul
I Dispense Reaction Plate – Level 2 – 5.0ul, Speed: 2, Dispense Low
I
+- Unknown [Type]

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

Rev: 4-01

Pointe Scientific, Inc.

Instrument Application

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

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	

Cholesterol Liquid (Pointe)
I
+- Method
I Standard Mode
I Reagent Blank
I Filters: 505 - 630
I Standard: user defined
I Normal: < = 200
I Linear: < = 500
I Using Level I Controls
I Using Level II Controls
I
+- Report Protocol
I Default Standard with stats.RPT
I
+- Blank [Type]
I
+- Standard [Type]
I
I +-sample protocol [Sample Protocol]
I Aspirate Sample Rack – Chemistry Multi-Calibrator – 2.5ul, Speed: 2, Air Gap 2ul
I Dispense Reaction Plate - Standard – 2.5ul, Speed: 2, Dispense Low
I
+- Level 1 [Type]
I
I +-sample protocol [Sample Protocol]
I Aspirate Sample Rack – Level 1 – 2.5ul, Speed: 2, Air Gap 2ul

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

+- Incubate – 10:00
I
+- Read

Rev: 4-01

Pointe Scientific, Inc.

Instrument Application

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

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
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 defined
I Normal: 8.5 to 10.4
I Linear: < = 15.0
I Using Level I Controls
I Using Level II Controls
I
+- Report Protocol
I Default Standard with stats.RPT
I
+- 200uL rgnt protocol [Sample Protocol]
I Wash Probe
I Aspirate Reagent Rack SQ – Calcium CPC Reagent – 200ul, Speed: 1, Air Gap 50ul
I Dispense Reaction Plate – ALL – 200ul, Speed: 2, Dispense High, Mix
I
+- Read
I
+- Blank [Type]
I
+- Standard [Type]
I
I +-4ul sample protocol [Sample Protocol]

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

Rev: 4-01

Pointe Scientific, Inc.

Instrument Application

Analyzer: Chemwell
Test: Calcium AZIII
Catalog # :C7529

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
Use new curve by default	
Use new blank by default	

Calcium AZ III (Pointe)
I
+- Process Protocol
I Standard Mode
I Reagent Blank
I Differential Blank
I Filters: 630 – 700
I Standard: user defined
I Normal: 8.5 to 10.4
I Linear: < = 15.0
I Using Level I Controls
I Using Level II Controls
I
+- Report Protocol
I Default Standard with stats.RPT
I
+- 200uL rgnt protocol [Sample Protocol]
I Wash Probe
I Aspirate Reagent Rack SQ – Calcium AZIII Reagent – 200ul, Speed: 1, Air Gap 50ul
I Dispense Reaction Plate – ALL – 200ul, Speed: 2, Dispense High, Mix
I
+- Read
I
+- Blank [Type]
I
+- Standard [Type]
I
I +-2ul sample protocol [Sample Protocol]

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

Rev: 4-01

Pointe Scientific, Inc.

Instrument Application

Analyzer: Chemwell
Test: BUN
Catalog # :B7552

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
Use new curve by default	

BUN (Pointe)
I
+- Method
I Rate by Standard Mode
I Filters: 340 – 630
I Fixed Time Mode
I Lag: 75 sec, Read: 150 sec
I Standard: user defined
I Normal: 7 to 18
I Linear: < = 80
I
+- Report Protocol
I Ratestandard with SD.rpt
I
+- Standard [Type]
I
+- Sample Protocol [Sample Protocol]
I Aspirate Sample Rack – Chemistry Multi-Calibrator – 2.5ul, Speed: 2, Air Gap lul
I Dispense Reaction Plate - Standard – 2.5ul, Speed: 2, Dispense Low
I
+- Level 1 [Type]
I
I +-sample protocol [Sample Protocol]
I Aspirate Sample Rack – Level 1 – 2.5ul, Speed: 2, Air Gap 1ul
I Dispense Reaction Plate – Level 1 – 2.5ul, Speed: 2, Dispense Low
I
+- Level 2 [Type]

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

Rev: 4-01

Pointe Scientific, Inc.

Instrument Application

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

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

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

Pointe Scientific, Inc.

Instrument Application

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
I Rate by Factor Mode
I Filters: 405 - 630
I Lag: 60 sec, Read: 120 sec, Interval 60 sec
I Factor: 3178 (Adjusted for path length: 5795)
I Total Volume: 205.0ul
I Units: U/L
I Normal: 25 to 125
I Linear: < = 2000
I
+- Report Protocol
I Ratefactor with SD.rpt
I
+- Level 1 [Type]
I
I +-sample protocol [Sample Protocol]
I Aspirate Sample Rack – Level 1 – 5.0ul, Speed: 2, Air Gap 1ul
I Dispense Reaction Plate – Level 1 – 5.0ul, Speed: 2, Dispense Low, Mix
I
+- Level 2 [Type]
I
I +-sample protocol [Sample Protocol]
I Aspirate sample Rack – Level 2 – 5.0ul, Speed: 2, Air Gap 1ul
I Dispense Reaction Plate – Level 2 – 5.0ul, Speed: 2, Dispense Low, Mix
I
+- Unknown [Type]
I
I +-sample protocol [Sample Protocol]
I Aspirate Sample Rack – Unknown – 5.0ul, Speed: 2, Air Gap 1ul

I Dispense Reaction Plate – Unknown – 5.0ul, Speed: 2, Dispense Low, Mix
I
+- 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
I
+- Read

Rev: 1/03

Pointe Scientific, Inc.

Instrument Application

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
+- Method
I Rate by Factor Mode
I Filters: 340 – 405
I Lag: 90 sec, Read: 180 sec., Interval 60 sec.
I Factor: -1768 (Adjusted for path length: -3004)
I Total Volume: 220.0ul
I Units: U/L
I Normal: < = 38
I Linear: < = 400
I
+- Report Protocol
I Ratefactor with SD.rpt
I
+- Level 1 [Type]
I
I +-20ul sample [Sample Protocol]
I Aspirate Sample Rack – Level 1 –20.0ul, Speed: 4, Air Gap 1ul
I Dispense Reaction Plate – Level 1 – 20.0ul, Speed: 2, Dispense Low, Mix
I
+- Level 2 [Type]
I
I +-20ul sample [Sample Protocol]
I Aspirate Sample Rack – Level 2 – 20.0ul, Speed: 4, Air Gap 1ul
I Dispense Reaction Plate – Level 2 – 20.0ul, Speed: 2, Dispense Low, Mix
I
+- Unknown [Type]
I
I +-20ul sample protocol [Sample Protocol]
I 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 [Sample Protocol]
I Aspirate Reagent Rack SQ – ALT Working Rgnt – 200ul, Speed: 1, Warm 10s,
I Air Gap 50ul
I Dispense Reaction Plate – ALL – 200ul, Speed: 2, Dispense High, Mix
I
+- Read

Rev: 1/03

Pointe Scientific, Inc.

Instrument Application

Analyzer: Chemwell
Test: Alkaline Phosphatase
Catalog # : A7516

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

Alk Phos (Pointe)
I
+- Process Protocol
I Rate by Factor Mode
I Filters: 405 - 630
I Lag: 60 sec, Read: 120 sec, Interval 60 sec
I Factor: 2187 (Adjusted for path length: 3988)
I Total Volume: 205.0ul
I Units: U/L
I Normal: 35 to 123
I Linear: < = 1000
I
+- Report Protocol
I Ratefactor with SD.rpt
I
+- Level 1 [Type]
I
I +-sample protocol [Sample Protocol]
I Aspirate Sample Rack – Level 1 – 5.0ul, Speed: 2, Air Gap 2ul
I Dispense Reaction Plate – Level 1 – 5.0ul, Speed: 2, Dispense Low
I
+- Level 2 [Type]
I
I +-sample protocol [Sample Protocol]
I Aspirate sample Rack – Level 2 – 5.0ul, Speed: 2, Air Gap 2ul
I Dispense Reaction Plate – Level 2 – 5.0ul, Speed: 2, Dispense Low
I
+- Unknown [Type]
I
I +-sample protocol [Sample Protocol]
I Aspirate Sample Rack – Unknown – 5.0ul, Speed: 2, Air Gap 2ul

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

Pointe Scientific, Inc.

Instrument Application

Analyzer: Chemwell
Test: Uric Acid
Catalog #: U7581

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	

Uric Acid (Pointe)
I
+- 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: < = 25.0
I Using Level I Controls
I Using Level II Controls
I
+- Report Protocol
I Default Standard. With stats.RPT
I
+- 200ul Rgnt protocol [Sample Protocol]
I Aspirate Reagent Rack SQ – Uric Acid Rgnt – 200ul, Speed: 1, Air Gap 50ul
I Dispense Reaction Plate – ALL – 200ul, Speed: 2, Dispense High, Mix
I
+- Incubate – 1:00
I
+- Read
I
+- Blank [Type]
I
+- Standard [Type]
I

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

Rev: 4-01