

Pointe Scientific, Inc.

Instrument Application

Analyzer: RA-500/1000XT
Test: ACP
Catalog # : A7503

NAME:	ACID PHOSPHATASE	DECIMAL:	1
CHEM NUMBER:	USER DEFINED	REAGENT BLANK LOW:	0.0000
LOCK:	USER DEFINED	REAGENT BLANK HI:	0.8000
TYPE:	0	RANGE HI:	35
SAMPLE VOLUME %:	60	CALIBRATION FACTOR:	1355
INVERSE:	0	REAGENT RATE:	0.0*
FILTER POSITION:	3	STANDARD VALUE:	-
DEP. TEST:	-	NORMAL LO:	0.0
BIC CHEM:	0	NORMAL HIGH:	9.0
BIC FACT:	-	SLOPE:	1.000
DEP. LIM:	-	INTERCEPT:	0.000
DELAY:	5 SP 00	EP LIMIT:	-
INCUBATION:	-	C1* 10E -6:	0.00
DEFAULT:	-	C2* 10E -6:	99999.01
BLANK:	-	D1* 10E -6:	808.32
REAGENT VOLUME %:	70	LIN FACTOR:	-
2 ND REAGENT:	0	FIRST LIMIT:	-
2 ND REAGENT VOLUME:	-	DELTA NUMBER:	0.020
UNITS:	3		

*Actual value determined by RB rate.

COMMENTS:

Add 1 drop wetting agent/10ml rgt.

For non-prostatic AcP add 0.1ml tartrate/10ml rgt.

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 11/02

Pointe Scientific, Inc.

Instrument Application

Analyzer: RA-500/1000XT
Test: ALBUMIN
Catalog # : A7502

NAME:	ALBUMIN	DECIMAL:	1
CHEM NUMBER:	USER DEFINED	REAGENT BLANK LOW:	0.0000
LOCK:	USER DEFINED	REAGENT BLANK HI:	0.350
TYPE:	2	RANGE HI:	6.0
SAMPLE VOLUME %:	5	CALIBRATION FACTOR:	1.0*
INVERSE:	0	REAGENT RATE:	-
FILTER POSITION:	6	STANDARD VALUE:	**
DEP. TEST:	-	NORMAL LO:	3.5
BIC CHEM:	0	NORMAL HIGH:	5.3
BIC FACT:	-	SLOPE:	1.000
DEP. LIM:	-	INTERCEPT:	0.000
DELAY:	0 SP 30	EP LIMIT:	0.0286
INCUBATION:	-	C1* 10E -6:	-
DEFAULT:	-	C2* 10E -6:	-
BLANK:	-	D1* 10E -6:	-
REAGENT VOLUME %:	75	LIN FACTOR:	-
2 ND REAGENT:	0	FIRST LIMIT:	-
2 ND REAGENT VOLUME:	-	DELTA NUMBER:	-
UNITS:	1		

*Calculated by calibration assay

**Enter value of standard being used.

COMMENTS:

Add 1 drop wetting agent/10ml rgt.

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 11/02

Pointe Scientific, Inc.

Instrument Application

Analyzer: RA-500/1000XT
Test: ALCOHOL
Catalog # : A7504

NAME:	ALCOHOL	DECIMAL:	0
CHEM NUMBER:	USER DEFINED	REAGENT BLANK LOW:	0.000
LOCK:	USER DEFINED	REAGENT BLANK HI:	0.500
TYPE:	2	RANGE HI:	0
SAMPLE VOLUME %:	4	CALIBRATION FACTOR:	1.0*
INVERSE:	0	REAGENT RATE:	-
FILTER POSITION:	1	STANDARD VALUE:	**
DEP. TEST:	-	NORMAL LO:	0
BIC CHEM:	0	NORMAL HIGH:	100
BIC FACT:	-	SLOPE:	1.000
DEP. LIM:	-	INTERCEPT:	0.000
DELAY:	5 SP 00	EP LIMIT:	0.3000
INCUBATION:	-	C1* 10E -6:	-
DEFAULT:	-	C2* 10E -6:	-
BLANK:	-	D1* 10E -6:	-
REAGENT VOLUME %:	80	LIN FACTOR:	-
2 ND REAGENT:	0	FIRST LIMIT:	-
2 ND REAGENT VOLUME:	-	DELTA NUMBER:	-
UNITS:	2		

COMMENTS:

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Pointe Scientific, Inc.

Instrument Application

Analyzer: RA-500/1000XT
Test: ALT
Catalog # : A7525, A7526

NAME:	ALT	DECIMAL:	0
CHEM NUMBER:	USER DEFINED	REAGENT BLANK LOW:	0.800
LOCK:	USER DEFINED	REAGENT BLANK HI:	-
TYPE:	0	RANGE HI:	500
SAMPLE VOLUME %:	60	CALIBRATION FACTOR:	2793.2
INVERSE:	1	REAGENT RATE:	0.0*
FILTER POSITION:	1	STANDARD VALUE:	-
DEP. TEST:	1	NORMAL LO:	0
BIC CHEM:	1-YES	NORMAL HIGH:	38
BIC FACT:	1.000	SLOPE:	1.000
DEP. LIM:	0.800	INTERCEPT:	0.000
DELAY:	1 SP 00	EP LIMIT:	-
INCUBATION:	-	C1* 10E -6:	0.00
DEFAULT:	-	C2* 10E -6:	9999.6
BLANK:	-	D1* 10E -6:	8888.4
REAGENT VOLUME %:	70	LIN FACTOR:	-
2 ND REAGENT:	0	FIRST LIMIT:	-
2 ND REAGENT VOLUME:	-	DELTA NUMBER:	0.004
UNITS:	3		

*Actual value determined by RB rate.

COMMENTS:

Add 1 drop wetting agent/10ml rgt.

2nd wavelength = 380 nm (2)

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 11/02

Pointe Scientific, Inc.

Instrument Application

Analyzer: RA-500/1000XT
Test: ALK. PHOS
Catalog # : A7505, A7516

NAME:	ALK. PHOS.	DECIMAL:	0
CHEM NUMBER:	USER DEFINED	REAGENT BLANK LOW:	0.0000
LOCK:	USER DEFINED	REAGENT BLANK HI:	0.8000
TYPE:	0	RANGE HI:	600
SAMPLE VOLUME %:	18	CALIBRATION FACTOR:	3072.8
INVERSE:	0	REAGENT RATE:	0.0*
FILTER POSITION:	3	STANDARD VALUE:	*
DEP. TEST:	-	NORMAL LO:	35
BIC CHEM:	0	NORMAL HIGH:	123
BIC FACT:	-	SLOPE:	1.000
DEP. LIM:	-	INTERCEPT:	0.000
DELAY:	0 SP 30	EP LIMIT:	-
INCUBATION:	-	C1* 10E -6:	0.00
DEFAULT:	-	C2* 10E -6:	99999.01
BLANK:	-	D1* 10E -6:	10.0
REAGENT VOLUME %:	74	LIN FACTOR:	-
2 ND REAGENT:	0	FIRST LIMIT:	-
2 ND REAGENT VOLUME:	-	DELTA NUMBER:	0.015
UNITS:	3		

*Actual value determined by RB rate.

COMMENTS:

Add 1 drop wetting agent/10ml rgt.

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 11/02

Pointe Scientific, Inc.

Instrument Application

Analyzer: RA-500/1000XT
Test: ALCOHOL
Catalog # : A7504

NAME:	ALCOHOL	DECIMAL:	0
CHEM NUMBER:	USER DEFINED	REAGENT BLANK LOW:	0.000
LOCK:	USER DEFINED	REAGENT BLANK HI:	0.500
TYPE:	2	RANGE HI:	0
SAMPLE VOLUME %:	4	CALIBRATION FACTOR:	1.0*
INVERSE:	0	REAGENT RATE:	-
FILTER POSITION:	1	STANDARD VALUE:	**
DEP. TEST:	-	NORMAL LO:	0
BIC CHEM:	0	NORMAL HIGH:	100
BIC FACT:	-	SLOPE:	1.000
DEP. LIM:	-	INTERCEPT:	0.000
DELAY:	5 SP 00	EP LIMIT:	0.3000
INCUBATION:	-	C1* 10E -6:	-
DEFAULT:	-	C2* 10E -6:	-
BLANK:	-	D1* 10E -6:	-
REAGENT VOLUME %:	80	LIN FACTOR:	-
2 ND REAGENT:	0	FIRST LIMIT:	-
2 ND REAGENT VOLUME:	-	DELTA NUMBER:	-
UNITS:	2		

COMMENTS:

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 11/02

Pointe Scientific, Inc.

Instrument Application

Analyzer: RA-500/1000XT
Test: AMMONIA
Catalog # : A7553

NAME:	AMMONIA	DECIMAL:	0
CHEM NUMBER:	USER DEFINED	REAGENT BLANK LOW:	1.200
LOCK:	USER DEFINED	REAGENT BLANK HI:	-
TYPE:	2 (ENDPOINT)	RANGE HI:	600
SAMPLE VOLUME %:	60 (30UL)	CALIBRATION FACTOR:	1.0*
INVERSE:	1 (YES)	REAGENT RATE:	0.0**
FILTER POSITION:	1/340NM	STANDARD VALUE:	***
DEP. TEST:	-	NORMAL LO:	11
BIC CHEM:	0 (NO)	NORMAL HIGH:	35
BIC FACT:	-	SLOPE:	1.000
DEP. LIM:	-	INTERCEPT:	0.000
DELAY:	3 SP 00	EP LIMIT:	1.000
INCUBATION:	-	C1* 10E -6:	-
DEFAULT:	0 (NO)	C2* 10E -6:	-
BLANK:	0 (NO)	D1* 10E -6:	-
REAGENT VOLUME %:	60 (300UL)	LIN FACTOR:	-
2 ND REAGENT:	1 (YES)	FIRST LIMIT:	-
2 ND REAGENT VOLUME:	6 (30UL)	DELTA NUMBER:	-
UNITS:	5 (UMOL/L)		

*Calculated by calibration assay

**Actual value determined by RB blank.

***Enter value of standard being used.

COMMENTS:

2nd rgt delay = 4 SP 00

Do not add wetting agent.

It is recommended that two levels of control material be assayed daily.

Rev. 11/02

Pointe Scientific, Inc.

Instrument Application

Analyzer: RA-500/1000XT
Test: AMYLASE (CNP3)
Catalog # : A7564

NAME:	AMYLASE (CNP3)	DECIMAL:	0
CHEM NUMBER:	USER DEFINED	REAGENT BLANK LOW:	0.000
LOCK:	USER DEFINED	REAGENT BLANK HI:	0.600
TYPE:	0	RANGE HI:	5000
SAMPLE VOLUME %:	20	CALIBRATION FACTOR:	4540.40
INVERSE:	0	REAGENT RATE:	0.0*
FILTER POSITION:	3	STANDARD VALUE:	-
DEP. TEST:	-	NORMAL LO:	0
BIC CHEM:	0	NORMAL HIGH:	93
BIC FACT:	-	SLOPE:	1.000
DEP. LIM:	-	INTERCEPT:	0.000
DELAY:	0 SP 15	EP LIMIT:	-
INCUBATION:	-	C1* 10E -6:	0.00
DEFAULT:	-	C2* 10E -6:	99999.01
BLANK:	-	D1* 10E -6:	50.00
REAGENT VOLUME %:	80	LIN FACTOR:	-
2 ND REAGENT:	0	FIRST LIMIT:	-
2 ND REAGENT VOLUME:	-	DELTA NUMBER:	0.050
UNITS:	3		

*Actual value determined by RB blank.

COMMENTS:

Add 1 drop wetting agent/10ml rgt.

It is recommended that two levels of control material be assayed daily.

Rev. 11/02

Pointe Scientific, Inc.

Instrument Application

Analyzer: RA-500/1000XT
Test: AST
Catalog # : A7560, A7561

NAME:	AST	DECIMAL:	0
CHEM NUMBER:	USER DEFINED	REAGENT BLANK LOW:	0.800
LOCK:	USER DEFINED	REAGENT BLANK HI:	-
TYPE:	0	RANGE HI:	500
SAMPLE VOLUME %:	60	CALIBRATION FACTOR:	2793.2
INVERSE:	1	REAGENT RATE:	0.0*
FILTER POSITION:	1	STANDARD VALUE:	-
DEP. TEST:	1	NORMAL LO:	0
BIC CHEM:	1-YES	NORMAL HIGH:	40
BIC FACT:	1.000	SLOPE:	1.000
DEP. LIM:	0.800	INTERCEPT:	0.000
DELAY:	1 SP 00	EP LIMIT:	-
INCUBATION:	-	C1* 10E -6:	0.00
DEFAULT:	-	C2* 10E -6:	9999.4
BLANK:	-	D1* 10E -6:	8888.6
REAGENT VOLUME %:	70	LIN FACTOR:	-
2 ND REAGENT:	0	FIRST LIMIT:	-
2 ND REAGENT VOLUME:	-	DELTA NUMBER:	0.004
UNITS:	3		

*Actual value determined by RB blank.

COMMENTS:

Add 1 drop wetting agent/10ml rgt.

2nd wavelength = 380 nm (2)

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 11/02

Pointe Scientific, Inc.

Instrument Application

Analyzer: RA-500/1000XT
Test: DIRECT BILI
Catalog # : B7538

NAME:	DIRECT BILIRUBIN	DECIMAL:	2
CHEM NUMBER:	USER DEFINED	REAGENT BLANK LOW:	0.000
LOCK:	USER DEFINED	REAGENT BLANK HI:	0.150
TYPE:	2	RANGE HI:	15.0
SAMPLE VOLUME %:	60	CALIBRATION FACTOR:	1.0*
INVERSE:	0	REAGENT RATE:	-
FILTER POSITION:	5	STANDARD VALUE:	**
DEP. TEST:	-	NORMAL LO:	0.0
BIC CHEM:	0	NORMAL HIGH:	0.2
BIC FACT:	-	SLOPE:	1.000
DEP. LIM:	-	INTERCEPT:	0.000
DELAY:	5 SP 00	EP LIMIT:	0.0100
INCUBATION:	-	C1* 10E -6:	-
DEFAULT:	1	C2* 10E -6:	-
BLANK:	-	D1* 10E -6:	-
REAGENT VOLUME %:	66	LIN FACTOR:	-
2 ND REAGENT:	-	FIRST LIMIT:	-
2 ND REAGENT VOLUME:	-	DELTA NUMBER:	-
UNITS:	2		

*Calculated by calibration assay

**Enter value of standard being used.

COMMENTS:

Do not add wetting agent.

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 11/02

Pointe Scientific, Inc.

Instrument Application

Analyzer: RA-500/1000XT
Test: T. BILI
Catalog # : B7576

NAME:	TOTAL BILIRUBIN	DECIMAL:	1
CHEM NUMBER:	USER DEFINED	REAGENT BLANK LOW:	0.000
LOCK:	USER DEFINED	REAGENT BLANK HI:	0.150
TYPE:	2	RANGE HI:	20
SAMPLE VOLUME %:	40	CALIBRATION FACTOR:	1.0*
INVERSE:	0	REAGENT RATE:	-
FILTER POSITION:	5	STANDARD VALUE:	**
DEP. TEST:	-	NORMAL LO:	0.2
BIC CHEM:	0	NORMAL HIGH:	1.2
BIC FACT:	-	SLOPE:	1.000
DEP. LIM:	-	INTERCEPT:	0.000
DELAY:	3 SP 00	EP LIMIT:	0.0100
INCUBATION:	-	C1* 10E -6:	-
DEFAULT:	1	C2* 10E -6:	-
BLANK:	-	D1* 10E -6:	-
REAGENT VOLUME %:	70	LIN FACTOR:	-
2 ND REAGENT:	-	FIRST LIMIT:	-
2 ND REAGENT VOLUME:	-	DELTA NUMBER:	-
UNITS:	2		

*Calculated by calibration assay

**Enter value of standard being used.

COMMENTS:

Do not add wetting agent.

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 11/02

Pointe Scientific, Inc.

Instrument Application

Analyzer: RA-500/1000XT
Test: BUN
Catalog # : B7550

NAME:	BUN	DECIMAL:	0
CHEM NUMBER:	USER DEFINED	REAGENT BLANK LOW:	1.0000
LOCK:	USER DEFINED	REAGENT BLANK HI:	-
TYPE:	1	RANGE HI:	100
SAMPLE VOLUME %:	7	CALIBRATION FACTOR:	1.0*
INVERSE:	1	REAGENT RATE:	0.0**
FILTER POSITION:	1	STANDARD VALUE:	***
DEP. TEST:	1	NORMAL LO:	7
BIC CHEM:	0	NORMAL HIGH:	18
BIC FACT:	-	SLOPE:	1.000
DEP. LIM:	0.9500	INTERCEPT:	0.000
DELAY:	0 SP 30	EP LIMIT:	-
INCUBATION:	0 SP 30	C1* 10E -6:	-
DEFAULT:	-	C2* 10E -6:	-
BLANK:	-	D1* 10E -6:	-
REAGENT VOLUME %:	70	LIN FACTOR:	1.1
2 ND REAGENT:	0	FIRST LIMIT:	1.0
2 ND REAGENT VOLUME:	-	DELTA NUMBER:	-
UNITS:	2		

*Calculated by calibration assay

**Actual value determined by RB blank.

***Enter value of standard being used.

COMMENTS:

Add 1 drop wetting agent/10ml rgt.

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Pointe Scientific, Inc.

Instrument Application

Analyzer: RA-500/1000XT
Test: BUN (LIQUID)
Catalog # : B7551

NAME:	BUN (LIQUID)	DECIMAL:	0
CHEM NUMBER:	USER DEFINED	REAGENT BLANK LOW:	1.0000
LOCK:	USER DEFINED	REAGENT BLANK HI:	-
TYPE:	1	RANGE HI:	150
SAMPLE VOLUME %:	7	CALIBRATION FACTOR:	1.0*
INVERSE:	1	REAGENT RATE:	0.0**
FILTER POSITION:	1	STANDARD VALUE:	***
DEP. TEST:	1	NORMAL LO:	7
BIC CHEM:	0	NORMAL HIGH:	18
BIC FACT:	-	SLOPE:	1.000
DEP. LIM:	0.9500	INTERCEPT:	0.000
DELAY:	0 SP 30	EP LIMIT:	-
INCUBATION:	0 SP 45	C1* 10E -6:	-
DEFAULT:	-	C2* 10E -6:	-
BLANK:	-	D1* 10E -6:	-
REAGENT VOLUME %:	70	LIN FACTOR:	1.10
2 ND REAGENT:	0	FIRST LIMIT:	1.00
2 ND REAGENT VOLUME:	-	DELTA NUMBER:	-
UNITS:	2		

*Calculated by calibration assay

**Actual value determined by RB blank.

***Enter value of standard being used.

COMMENTS:

Add 1 drop wetting agent/10ml rgt.

Prepare working reagent as stated in package insert instructions.

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Pointe Scientific, Inc.

Instrument Application

Analyzer: RA-500/1000XT
Test: CALCIUM
Catalog # : C7503, C7508

NAME:	CALCIUM	DECIMAL:	1
CHEM NUMBER:	USER DEFINED	REAGENT BLANK LOW:	0.0000
LOCK:	USER DEFINED	REAGENT BLANK HI:	0.500
TYPE:	2	RANGE HI:	16.0
SAMPLE VOLUME %:	30	CALIBRATION FACTOR:	1.0*
INVERSE:	0	REAGENT RATE:	-
FILTER POSITION:	5	STANDARD VALUE:	**
DEP. TEST:	-	NORMAL LO:	8.5
BIC CHEM:	0	NORMAL HIGH:	10.4
BIC FACT:	-	SLOPE:	1.000
DEP. LIM:	-	INTERCEPT:	0.000
DELAY:	1 SP 00	EP LIMIT:	0.0100
INCUBATION:	-	C1* 10E -6:	-
DEFAULT:	-	C2* 10E -6:	-
BLANK:	-	D1* 10E -6:	-
REAGENT VOLUME %:	70	LIN FACTOR:	-
2 ND REAGENT:	0	FIRST LIMIT:	-
2 ND REAGENT VOLUME:	-	DELTA NUMBER:	-
UNITS:	2		

*Calculated by calibration assay

**Enter value of standard being used.

COMMENTS:

Add 1 drop wetting agent/10ml rgt.

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 11/02

Pointe Scientific, Inc.

Instrument Application

Analyzer: RA-500/1000XT
Test: CALCIUM (ARS III)
Catalog # : C7529

NAME:	CALCIUM-ARS	DECIMAL:	1
CHEM NUMBER:	USER DEFINED	REAGENT BLANK LOW:	0.000
LOCK:	USER DEFINED	REAGENT BLANK HI:	1.900
TYPE:	2	RANGE HI:	15.0
SAMPLE VOLUME %:	5	CALIBRATION FACTOR:	1.0*
INVERSE:	0	REAGENT RATE:	-
FILTER POSITION:	6	STANDARD VALUE:	**
DEP. TEST:	-	NORMAL LO:	8.4
BIC CHEM:	0	NORMAL HIGH:	10.4
BIC FACT:	-	SLOPE:	1.000
DEP. LIM:	-	INTERCEPT:	0.000
DELAY:	3 SP 00	EP LIMIT:	0.0300
INCUBATION:	-	C1* 10E -6:	-
DEFAULT:	-	C2* 10E -6:	-
BLANK:	-	D1* 10E -6:	-
REAGENT VOLUME %:	80	LIN FACTOR:	-
2 ND REAGENT:	0	FIRST LIMIT:	-
2 ND REAGENT VOLUME:	-	DELTA NUMBER:	-
UNITS:	2		

*Calculated by calibration assay

**Enter value of standard being used.

COMMENTS:

Do not add wetting agent.

Serum based calibrator is strongly recommended.

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 11/02

Pointe Scientific, Inc.

Instrument Application

Analyzer: RA-500/1000XT
Test: CO2 340NM
Catalog # : C7504

NAME:	CO2 340NM	DECIMAL:	0
CHEM NUMBER:	USER DEFINED	REAGENT BLANK LOW:	0.700
LOCK:	USER DEFINED	REAGENT BLANK HI:	-
TYPE:	1	RANGE HI:	30.0
SAMPLE VOLUME %:	8	CALIBRATION FACTOR:	1.0*
INVERSE:	1	REAGENT RATE:	0.00**
FILTER POSITION:	1	STANDARD VALUE:	**
DEP. TEST:	-	NORMAL LO:	23
BIC CHEM:	0	NORMAL HIGH:	34
BIC FACT:	-	SLOPE:	1.000
DEP. LIM:	0.500	INTERCEPT:	0.000
DELAY:	0 SP 45	EP LIMIT:	0.0500
INCUBATION:	0 30	C1* 10E -6:	-
DEFAULT:	-	C2* 10E -6:	-
BLANK:	-	D1* 10E -6:	-
REAGENT VOLUME %:	80	LIN FACTOR:	-
2 ND REAGENT:	0	FIRST LIMIT:	-
2 ND REAGENT VOLUME:	-	DELTA NUMBER:	-
UNITS:	10		

*Calculated by calibration assay

**Enter value of standard being used.

COMMENTS:

Add 1 drop wetting agent/10ml rgt.

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 11/02

Pointe Scientific, Inc.

Instrument Application

Analyzer: RA-500/1000XT
Test: CHLORIDE
Catalog # : C7501

NAME:	CHLORIDE	DECIMAL:	0
CHEM NUMBER:	USER DEFINED	REAGENT BLANK LOW:	0.0000
LOCK:	USER DEFINED	REAGENT BLANK HI:	0.300
TYPE:	2	RANGE HI:	120
SAMPLE VOLUME %:	7	CALIBRATION FACTOR:	1.0*
INVERSE:	0	REAGENT RATE:	-
FILTER POSITION:	4	STANDARD VALUE:	**
DEP. TEST:	-	NORMAL LO:	98
BIC CHEM:	0	NORMAL HIGH:	106
BIC FACT:	-	SLOPE:	1.000
DEP. LIM:	-	INTERCEPT:	0.000
DELAY:	5 SP 00	EP LIMIT:	0.0120
INCUBATION:	-	C1* 10E -6:	-
DEFAULT:	-	C2* 10E -6:	-
BLANK:	-	D1* 10E -6:	-
REAGENT VOLUME %:	70	LIN FACTOR:	-
2 ND REAGENT:	0	FIRST LIMIT:	-
2 ND REAGENT VOLUME:	-	DELTA NUMBER:	-
UNITS:	10		

*Calculated by calibration assay

**Enter value of standard being used.

COMMENTS:

Add 1 drop wetting agent/10ml rgt.

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 11/02

Pointe Scientific, Inc.

Instrument Application

Analyzer: RA-500/1000XT
Test: CHLORIDE 2
Catalog # : C7501

NAME:	CHLORIDE 2	DECIMAL:	0
CHEM NUMBER:	USER DEFINED	REAGENT BLANK LOW:	0.000
LOCK:	USER DEFINED	REAGENT BLANK HI:	0.250
TYPE:	2	RANGE HI:	120
SAMPLE VOLUME %:	5	CALIBRATION FACTOR:	1.0*
INVERSE:	0	REAGENT RATE:	-
FILTER POSITION:	4	STANDARD VALUE:	**
DEP. TEST:	-	NORMAL LO:	98
BIC CHEM:	1	NORMAL HIGH:	106
BIC FACT:	0.750	SLOPE:	1.000
DEP. LIM:	-	INTERCEPT:	0.000
DELAY:	1 SP 15	EP LIMIT:	0.0250
INCUBATION:	-	C1* 10E -6:	-
DEFAULT:	-	C2* 10E -6:	-
BLANK:	-	D1* 10E -6:	-
REAGENT VOLUME %:	60	LIN FACTOR:	-
2 ND REAGENT:	0	FIRST LIMIT:	-
2 ND REAGENT VOLUME:	-	DELTA NUMBER:	-
UNITS:	10		

*Calculated by calibration assay

**Enter value of standard being used.

COMMENTS:

Add 1 drop wetting agent/10ml rgt.

2nd wavelength = 600 nm (6)

3. Bic. Limit 1 = 0.050, Bic. Limit 2 = 0.075.

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 11/02

Pointe Scientific, Inc.

Instrument Application

Analyzer: RA-500/1000XT

Test: CHOLESTEROL (LIQ)

Catalog # : C7510

NAME:	CHOLESTEROL (LIQUID)	DECIMAL:	0
CHEM NUMBER:	USER DEFINED	REAGENT BLANK LOW:	0.000
LOCK:	USER DEFINED	REAGENT BLANK HI:	0.500
TYPE:	2	RANGE HI:	500
SAMPLE VOLUME %:	7	CALIBRATION FACTOR:	1.0*
INVERSE:	0	REAGENT RATE:	-
FILTER POSITION:	4	STANDARD VALUE:	**
DEP. TEST:	-	NORMAL LO:	120
BIC CHEM:	0	NORMAL HIGH:	240
BIC FACT:	-	SLOPE:	1.000
DEP. LIM:	-	INTERCEPT:	0.000
DELAY:	9 SP 30	EP LIMIT:	0.0600
INCUBATION:	-	C1* 10E -6:	-
DEFAULT:	-	C2* 10E -6:	-
BLANK:	-	D1* 10E -6:	-
REAGENT VOLUME %:	70	LIN FACTOR:	-
2 ND REAGENT:	0	FIRST LIMIT:	-
2 ND REAGENT VOLUME:	-	DELTA NUMBER:	-
UNITS:	2		

*Calculated by calibration assay

**Enter value of standard being used.

COMMENTS:

Do not add wetting agent.

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Pointe Scientific, Inc.

Instrument Application

Analyzer: RA-500/1000XT
Test: CHOLESTEROL
Catalog # : C7509

NAME:	CHOLESTEROL	DECIMAL:	0
CHEM NUMBER:	USER DEFINED	REAGENT BLANK LOW:	0.000
LOCK:	USER DEFINED	REAGENT BLANK HI:	0.250
TYPE:	2	RANGE HI:	500
SAMPLE VOLUME %:	7	CALIBRATION FACTOR:	1.0*
INVERSE:	0	REAGENT RATE:	-
FILTER POSITION:	4	STANDARD VALUE:	**
DEP. TEST:	-	NORMAL LO:	120
BIC CHEM:	0	NORMAL HIGH:	240
BIC FACT:	-	SLOPE:	1.000
DEP. LIM:	-	INTERCEPT:	0.000
DELAY:	9 SP 30	EP LIMIT:	0.0600
INCUBATION:	-	C1* 10E -6:	-
DEFAULT:	-	C2* 10E -6:	-
BLANK:	-	D1* 10E -6:	-
REAGENT VOLUME %:	70	LIN FACTOR:	-
2 ND REAGENT:	0	FIRST LIMIT:	-
2 ND REAGENT VOLUME:	-	DELTA NUMBER:	-
UNITS:	2		

*Calculated by calibration assay

**Enter value of standard being used.

COMMENTS:

Do not add wetting agent.

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 11/02

Pointe Scientific, Inc.

Instrument Application

Analyzer: RA-500/1000XT
Test: FAST CHOLESTEROL
Catalog # : C7509

NAME:	FAST CHOLESTEROL	DECIMAL:	0
CHEM NUMBER:	USER DEFINED	REAGENT BLANK LOW:	0.000
LOCK:	USER DEFINED	REAGENT BLANK HI:	0.250
TYPE:	2	RANGE HI:	500
SAMPLE VOLUME %:	7	CALIBRATION FACTOR:	1.0*
INVERSE:	0	REAGENT RATE:	-
FILTER POSITION:	4	STANDARD VALUE:	**
DEP. TEST:	-	NORMAL LO:	120
BIC CHEM:	0	NORMAL HIGH:	240
BIC FACT:	-	SLOPE:	1.000
DEP. LIM:	-	INTERCEPT:	0.000
DELAY:	5 SP 00	EP LIMIT:	0.0700
INCUBATION:	-	C1* 10E -6:	-
DEFAULT:	-	C2* 10E -6:	-
BLANK:	-	D1* 10E -6:	-
REAGENT VOLUME %:	70	LIN FACTOR:	-
2 ND REAGENT:	0	FIRST LIMIT:	-
2 ND REAGENT VOLUME:	-	DELTA NUMBER:	-
UNITS:	2		

*Calculated by calibration assay

**Enter value of standard being used.

COMMENTS:

Do not add wetting agent.

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 11/02

Pointe Scientific, Inc.

Instrument Application

Analyzer: RA-500/1000XT
Test: CPK
Catalog # : C7512, C7522

NAME:	CPK	DECIMAL:	0
CHEM NUMBER:	USER DEFINED	REAGENT BLANK LOW:	0.000
LOCK:	USER DEFINED	REAGENT BLANK HI:	0.600
TYPE:	0	RANGE HI:	1500
SAMPLE VOLUME %:	18	CALIBRATION FACTOR:	9140.9
INVERSE:	0	REAGENT RATE:	0.0*
FILTER POSITION:	1	STANDARD VALUE:	-
DEP. TEST:	-	NORMAL LO:	25
BIC CHEM:	0	NORMAL HIGH:	192
BIC FACT:	-	SLOPE:	1.000
DEP. LIM:	-	INTERCEPT:	0.000
DELAY:	2 SP 00	EP LIMIT:	-
INCUBATION:	-	C1* 10E -6:	0.00
DEFAULT:	-	C2* 10E -6:	9999.6
BLANK:	-	D1* 10E -6:	8888.4
REAGENT VOLUME %:	73	LIN FACTOR:	-
2 ND REAGENT:	0	FIRST LIMIT:	-
2 ND REAGENT VOLUME:	-	DELTA NUMBER:	1.000
UNITS:	3		

*Actual value determined by RB blank.

COMMENTS:

Add 1 drop wetting agent/10ml rgt.

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 11/02

Pointe Scientific, Inc.

Instrument Application

Analyzer: RA-500/1000XT
Test: CK-MB
Catalog # : C7562

NAME:	CK-MB	DECIMAL:	1
CHEM NUMBER:	USER DEFINED	REAGENT BLANK LOW:	0.000
LOCK:	USER DEFINED	REAGENT BLANK HI:	0.500
TYPE:	0	RANGE HI:	350
SAMPLE VOLUME %:	40	CALIBRATION FACTOR:	8497.80
INVERSE:	0	REAGENT RATE:	0.0*
FILTER POSITION:	1	STANDARD VALUE:	-
DEP. TEST:	-	NORMAL LO:	0
BIC CHEM:	0	NORMAL HIGH:	22
BIC FACT:	-	SLOPE:	1.000
DEP. LIM:	-	INTERCEPT:	0.000
DELAY:	5 SP 00	EP LIMIT:	-
INCUBATION:	-	C1* 10E -6:	0.00
DEFAULT:	-	C2* 10E -6:	99999.01
BLANK:	-	D1* 10E -6:	10.88
REAGENT VOLUME %:	70	LIN FACTOR:	-
2 ND REAGENT:	0	FIRST LIMIT:	-
2 ND REAGENT VOLUME:	-	DELTA NUMBER:	0.015
UNITS:	3		

*Actual value determined by RB blank.

COMMENTS:

Do not add wetting agent.

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 11/02

Pointe Scientific, Inc.

Instrument Application

Analyzer: RA-500/1000XT
Test: CREATININE
Catalog # : C7539

NAME:	CREATININE	DECIMAL:	1
CHEM NUMBER:	USER DEFINED	REAGENT BLANK LOW:	0.000
LOCK:	USER DEFINED	REAGENT BLANK HI:	0.500
TYPE:	1	RANGE HI:	20.0
SAMPLE VOLUME %:	36	CALIBRATION FACTOR:	1.0*
INVERSE:	0	REAGENT RATE:	0.0**
FILTER POSITION:	4	STANDARD VALUE:	***
DEP. TEST:	-	NORMAL LO:	0.4
BIC CHEM:	0	NORMAL HIGH:	1.4
BIC FACT:	-	SLOPE:	1.000
DEP. LIM:	-	INTERCEPT:	0.000
DELAY:	1 SP 00	EP LIMIT:	-
INCUBATION:	1 SP 00	C1* 10E -6:	-
DEFAULT:	-	C2* 10E -6:	-
BLANK:	-	D1* 10E -6:	-
REAGENT VOLUME %:	72	LIN FACTOR:	2.60
2 ND REAGENT:	0	FIRST LIMIT:	0.06
2 ND REAGENT VOLUME:	-	DELTA NUMBER:	-
UNITS:	2		

*Calculated by calibration assay

**Actual value determined by RB blank.

***Enter value of standard being used.

COMMENTS:

Do not add wetting agent.

Follow package insert inst. For working rgt. prep.

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 11/02

RA 500/1000/XT APPLICATION CRP (HS) CATALOG# C7564

Reagent Preparation

To prepare working reagent mix 1 part R1 to 1 part R2.

Recommended Calibrator Standards

The CRP (HS) calibrators, the five levels included with the kit should be utilized for the calibration. Deionized water or 0.85% sodium chloride can be used as a zero calibrator point if a sixth point is desired.

Instrument Settings

Chem No.:	*
Name:	CRP (HS)
1 (enter) Lock (enter)	see calibration parameters
Immunoassay:	1 (YES)
IA Table:	**
Type:	2 (ENDPOINT)
Inverse:	0 (NO)
% Sample Vol.:	16 (8ul)
Filter Pos.:	5 (550)
Bic. Chem.:	0 (NO)
Delay:	5 SP 00
Default:	0 (NO)
% Rgt. Vol.:	60 (300 ul)
2 nd Rgt.:	0 (NO)
Units:	2 (mg/dl)
Unit Factor:	1.00
Decimal:	2
Rbl Low:	0.000
Rbl High:	2.000
Range Low:	0.01
Range High:	1.00
Normal Low:	*
Normal High:	*
Slope:	1.000
Intercept:	0.000
EP Limit:	0.0200
Auto Lin:	0 (NO)

Calibration Parameters

enter below information after "Lock"

1A Type:	Simple Cubic
#Std.:	6
#Asp.:	2
Std. 1:	Cal 1 Conc.
Std. 2:	Cal 2 Conc.
Std. 3:	Cal 3 Conc.
Std. 4:	Cal 4 Conc.
Std. 5:	Cal 5 Conc.
Std. 6:	Cal 6 Conc.
Lim 1:	99
Lim 2:	7
Lim 3:	7
Lim 4:	7
Lim 5:	7
Lim 6:	7
Slm 1:	99
Slm 2:	7
Slm 3:	7
Slm 4:	7
Slm 5:	7
Slm 6:	7
10 RSP:	99
% 10 RSP:	0
50 RSP:	99
% 50 RSP:	0
90 RSP:	99
% 90 RSP:	0
RSS Lim:	200

*User defined

** User defined – USE "IA" table between 14-35.

Rev. 6/01

Pointe Scientific, Inc.

Instrument Application

Analyzer: RA-500/1000XT
Test: FRUCTOSAMINE
Catalog # : F7546

NAME:	FRUCTOSAMINE	DECIMAL:	1
CHEM NUMBER:	USER DEFINED	REAGENT BLANK LOW:	0.000
LOCK:	USER DEFINED	REAGENT BLANK HI:	0.700
TYPE:	1	RANGE HI:	8.5
SAMPLE VOLUME %:	30	CALIBRATION FACTOR:	1.0*
INVERSE:	0	REAGENT RATE:	-
FILTER POSITION:	5	STANDARD VALUE:	**
DEP. TEST:	-	NORMAL LO:	1.0
BIC CHEM:	0	NORMAL HIGH:	2.0
BIC FACT:	-	SLOPE:	1.000
DEP. LIM:	-	INTERCEPT:	0.0000
DELAY:	3 SP 00	EP LIMIT:	-
INCUBATION:	3 SP 00	C1* 10E -6:	-
DEFAULT:	-	C2* 10E -6:	-
BLANK:	-	D1* 10E -6:	-
REAGENT VOLUME %:	60	LIN FACTOR:	1.1
2 ND REAGENT:	0	FIRST LIMIT:	1.0
2 ND REAGENT VOLUME:	-	DELTA NUMBER:	-
UNITS:	4		

*Calculated by calibration assay

**Enter value of standard being used.

COMMENTS:

Do not add wetting agent.

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 11/02

Pointe Scientific, Inc.

Instrument Application

Analyzer: RA-500/1000XT
Test: GGTP (SOLUBLE)
Catalog # : G7570

NAME:	GGTP (SOLUBLE)	DECIMAL:	0
CHEM NUMBER:	USER DEFINED	REAGENT BLANK LOW:	0.000
LOCK:	USER DEFINED	REAGENT BLANK HI:	0.850
TYPE:	0	RANGE HI:	1000
SAMPLE VOLUME %:	35	CALIBRATION FACTOR:	3027.6
INVERSE:	0	REAGENT RATE:	0.0*
FILTER POSITION:	3	STANDARD VALUE:	-
DEP. TEST:	-	NORMAL LO:	0
BIC CHEM:	0	NORMAL HIGH:	45
BIC FACT:	-	SLOPE:	1.000
DEP. LIM:	-	INTERCEPT:	0.000
DELAY:	0 SP 30	EP LIMIT:	-
INCUBATION:	-	C1* 10E -6:	0.00
DEFAULT:	-	C2* 10E -6:	99999.01
BLANK:	-	D1* 10E -6:	36.56
REAGENT VOLUME %:	70	LIN FACTOR:	-
2 ND REAGENT:	0	FIRST LIMIT:	-
2 ND REAGENT VOLUME:	-	DELTA NUMBER:	0.014
UNITS:	3		

*Actual value determined by RB blank.

COMMENTS:

Add 1 drop wetting agent/10ml rgt.

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 11/02

Pointe Scientific, Inc.

Instrument Application

Analyzer: RA-500/1000XT
Test: GLUCOSE HEX
Catalog # : G7517, G7518

NAME:	GLUCOSE HEXOKINASE	DECIMAL:	0
CHEM NUMBER:	USER DEFINED	REAGENT BLANK LOW:	0.000
LOCK:	USER DEFINED	REAGENT BLANK HI:	0.150
TYPE:	2	RANGE HI:	600
SAMPLE VOLUME %:	7	CALIBRATION FACTOR:	1.00*
INVERSE:	0	REAGENT RATE:	-
FILTER POSITION:	1	STANDARD VALUE:	**
DEP. TEST:	-	NORMAL LO:	65
BIC CHEM:	0	NORMAL HIGH:	110
BIC FACT:	-	SLOPE:	1.000
DEP. LIM:	-	INTERCEPT:	0.000
DELAY:	3 SP 00	EP LIMIT:	0.0100
INCUBATION:	-	C1* 10E -6:	-
DEFAULT:	-	C2* 10E -6:	-
BLANK:	-	D1* 10E -6:	-
REAGENT VOLUME %:	70	LIN FACTOR:	-
2 ND REAGENT:	0	FIRST LIMIT:	-
2 ND REAGENT VOLUME:	-	DELTA NUMBER:	-
UNITS:	2		

*Calculated by calibration assay

**Enter value of standard being used.

COMMENTS:

Do not add wetting agent.

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 11/02

Pointe Scientific, Inc.

Instrument Application

Analyzer: RA-500/1000XT
Test: GLUCOSE OX
Catalog # : G7519, G7521

NAME:	GLUCOSE OXIDASE	DECIMAL:	0
CHEM NUMBER:	USER DEFINED	REAGENT BLANK LOW:	0.000
LOCK:	USER DEFINED	REAGENT BLANK HI:	0.150
TYPE:	2	RANGE HI:	0
SAMPLE VOLUME %:	7	CALIBRATION FACTOR:	1.0*
INVERSE:	0	REAGENT RATE:	-
FILTER POSITION:	4	STANDARD VALUE:	**
DEP. TEST:	-	NORMAL LO:	70
BIC CHEM:	0	NORMAL HIGH:	105
BIC FACT:	-	SLOPE:	1.000
DEP. LIM:	-	INTERCEPT:	0.000
DELAY:	9 SP 30	EP LIMIT:	0.200
INCUBATION:	-	C1* 10E -6:	-
DEFAULT:	0	C2* 10E -6:	-
BLANK:	0	D1* 10E -6:	-
REAGENT VOLUME %:	75	LIN FACTOR:	-
2 ND REAGENT:	0	FIRST LIMIT:	-
2 ND REAGENT VOLUME:	-	DELTA NUMBER:	-
UNITS:	2		

*Calculated by calibration assay

**Enter value of standard being used.

COMMENTS:

Add 1 drop wetting agent/10ml rgt.

Serum based calibrator is strongly recommended.

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

RA 500/1000/XT APPLICATION

HbA1c CATALOG# H7541

Reagent Preparation

Reagents provided ready to use.

Recommended Calibrator Standards

The HbA1c calibrators, the four levels should be utilized for the calibration. Deionized water or 0.85% sodium chloride can be used as a zero calibrator point if a 5th point is desired.

Instrument Settings

Calibration Parameters

Chem No.:	*		
enter below information after "Lock"			
Name:	HbA1c	1A Type:	Simple Cubic
1 (enter) Lock (enter)	see calibration parameters	#Std.:	6
Immunoassay:	1 (YES)	#Asp.:	2
IA Table:	**	Std. 1:	Cal 1 Conc.
Type:	2 (ENDPOINT)	Std. 2:	Cal 2 Conc.
Inverse:	0 (NO)	Std. 3:	Cal 3 Conc.
% Sample Vol.:	14 (7ul)	Std. 4:	Cal 4 Conc.
Filter Pos.:	6 (600)	Std. 5:	Cal 5 Conc.
Bic. Chem.:	0 (NO)	Std. 6:	-.
		Lim 1:	99
Delay:	5 SP 00	Lim 2:	7
Default:	0 (NO)	Lim 3:	7
% Rgt. Vol.:	48 (240ul)	Lim 4:	7
2 nd Rgt.:	1 (YES)	Lim 5:	7
2nd Rgt Vol:	16 (80ul)	Lim 6:	7
A2 DLY:	4 00		
Units:	%		
Unit Factor:	1.00	Slm 1:	99
Decimal:	1	Slm 2:	7
Rbl Low:	0.000	Slm 3:	7
Rbl High:	2.000	Slm 4:	7
Range Low:	0.0	Slm 5:	7
Range High:	*	Slm 6:	7
Normal Low:	*	10 RSP:	99
Normal High:	*	% 10 RSP:	0
Slope:	1.000	50 RSP:	99
Intercept:	0.000	% 50 RSP:	0
EP Limit:	0.0200	90 RSP:	99
Auto Lin:	0 (NO)	% 90 RSP:	0
		RSS Lim:	200

*User defined

** User defined – USE "IA" table between 14-35.

Rev. 3-03

Pointe Scientific, Inc.

Instrument Application

Analyzer: RA-500/1000XT
Test: HDL CHOLESTEROL
Catalog # : H7507, H7511,

NAME:	HDL CHOLESTEROL	DECIMAL:	0
CHEM NUMBER:	USER DEFINED	REAGENT BLANK LOW:	0.000
LOCK:	USER DEFINED	REAGENT BLANK HI:	0.250
TYPE:	2	RANGE HI:	350
SAMPLE VOLUME %:	40	CALIBRATION FACTOR:	1.0*
INVERSE:	0	REAGENT RATE:	-
FILTER POSITION:	4	STANDARD VALUE:	**
DEP. TEST:	-	NORMAL LO:	30
BIC CHEM:	0	NORMAL HIGH:	75
BIC FACT:	-	SLOPE:	1.000
DEP. LIM:	-	INTERCEPT:	0.000
DELAY:	5 SP 00	EP LIMIT:	0.0700
INCUBATION:	-	C1* 10E -6:	-
DEFAULT:	-	C2* 10E -6:	-
BLANK:	-	D1* 10E -6:	-
REAGENT VOLUME %:	70	LIN FACTOR:	-
2 ND REAGENT:	0	FIRST LIMIT:	-
2 ND REAGENT VOLUME:	-	DELTA NUMBER:	-
UNITS:	2		

*Calculated by calibration assay

**Enter value of standard being used.

COMMENTS:

Do not add wetting agent.

Final HDL result must be multiplied by dilution factor to compensate for the sample/precipitating reagent dilution.

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Pointe Scientific, Inc.

Instrument Application

Analyzer: RA-500/1000XT
Test: autoHDL
Catalog # : H7545

NAME:	autoHDL	DECIMAL:	0
CHEM NUMBER:	USER DEFINED	REAGENT BLANK LOW:	0.000
LOCK:	USER DEFINED	REAGENT BLANK HI:	2.000
TYPE:	2	RANGE HI:	200
SAMPLE VOLUME %:	6	CALIBRATION FACTOR:	1.0*
INVERSE:	0	REAGENT RATE:	-
FILTER POSITION:	6	STANDARD VALUE:	**
DEP. TEST:	-	NORMAL LO:	30
BIC CHEM:	0	NORMAL HIGH:	85
BIC FACT:	-	SLOPE:	1.000
DEP. LIM:	-	INTERCEPT:	0.000
DELAY:	4 SP 00	EP LIMIT:	1.000
INCUBATION:	-	C1* 10E -6:	-
DEFAULT:	-	C2* 10E -6:	-
BLANK:	-	D1* 10E -6:	-
REAGENT VOLUME %:	60	LIN FACTOR:	-
2 ND REAGENT:	1	FIRST LIMIT:	-
2 ND REAGENT VOLUME:	20	DELTA NUMBER:	-
UNITS:	2		

*Calculated by calibration assay

**Enter value of standard being used.

2nd reagent delay: 4 <sp>00

COMMENTS:

Do not add wetting agent.

Serum based calibrator is strongly recommended.

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 11/02

Pointe Scientific, Inc.

Instrument Application

Analyzer: RA-500/1000XT
Test: TOTAL IRON
Catalog # : T7504, T7506

NAME:	TOTAL IRON	DECIMAL:	0
CHEM NUMBER:	USER DEFINED	REAGENT BLANK LOW:	0.000
LOCK:	USER DEFINED	REAGENT BLANK HI:	0.7500
TYPE:	2	RANGE HI:	850
SAMPLE VOLUME %:	60	CALIBRATION FACTOR:	1.0*
INVERSE:	0	REAGENT RATE:	-
FILTER POSITION:	5	STANDARD VALUE:	**
DEP. TEST:	-	NORMAL LO:	60
BIC CHEM:	0	NORMAL HIGH:	150
BIC FACT:	-	SLOPE:	1.000
DEP. LIM:	-	INTERCEPT:	0.000
DELAY:	9 SP 30	EP LIMIT:	0.0125
INCUBATION:	-	C1* 10E -6:	-
DEFAULT:	1	C2* 10E -6:	-
BLANK:	-	D1* 10E -6:	-
REAGENT VOLUME %:	70	LIN FACTOR:	-
2 ND REAGENT:	-	FIRST LIMIT:	-
2 ND REAGENT VOLUME:	-	DELTA NUMBER:	-
UNITS:	9		

*Calculated by calibration assay

**Enter value of standard being used.

COMMENTS:

Do not add wetting agent.

Use iron buffer for serum blank.

Working rgt. = 1 vol iron color/50 vol iron buffer.

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Pointe Scientific, Inc.

Instrument Application

Analyzer: RA-500/1000XT
 Test: UIBC
 Catalog # : I7505

NAME:	UIBC	DECIMAL:	0
CHEM NUMBER:	USER DEFINED	REAGENT BLANK LOW:	0.000
LOCK:	USER DEFINED	REAGENT BLANK HI:	0.7500
TYPE:	2	RANGE HI:	500
SAMPLE VOLUME %:	60	CALIBRATION FACTOR:	1.0*
INVERSE:	0	REAGENT RATE:	-
FILTER POSITION:	5	STANDARD VALUE:	**
DEP. TEST:	-	NORMAL LO:	130
BIC CHEM:	0	NORMAL HIGH:	375
BIC FACT:	-	SLOPE:	1.000
DEP. LIM:	-	INTERCEPT:	0.000
DELAY:	5 SP 00	EP LIMIT:	0.125
INCUBATION:	-	C1* 10E -6:	-
DEFAULT:	0	C2* 10E -6:	-
BLANK:	0	D1* 10E -6:	-
REAGENT VOLUME %:	65	LIN FACTOR:	-
2 ND REAGENT:	1	FIRST LIMIT:	-
2 ND REAGENT VOLUME:	6	DELTA NUMBER:	-
UNITS:	9		

*Calculated by calibration assay

**Enter value of standard being used.

COMMENTS:

Do not add wetting agent.

2nd rgt. Delay = 2 SP 15.

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

UIBC Working Rgt: Mix 1 part Iron STD with 9 parts UIBC Buffer reagent.

UIBC Color Rgt: Mix 1 part Iron Color reagent with 5 parts UIBC Buffer.

Procedure

1. Set Inverse chemistry to OFF (INVERSE = 0)
2. Run 5 water samples using work list sub function 8 to set reagent blank rate.
3. Calibrate the assay by running 5 samples of Iron STD.
4. Set Inverse chemistry to ON (INVERSE = 1) when running patient samples.
5. Printed results are UIBC (ug/dl).

TIBC

TIBC (ug/dl) = UIBC + Total IRON

Pointe Scientific, Inc.

Instrument Application

Analyzer: RA-500/1000XT
Test: LACTATE
Catalog # : L7596

NAME:	LACTATE	DECIMAL:	1
CHEM NUMBER:	USER DEFINED	REAGENT BLANK LOW:	0.00
LOCK:	USER DEFINED	REAGENT BLANK HI:	0.500
TYPE:	2	RANGE HI:	20.0
SAMPLE VOLUME %:	8	CALIBRATION FACTOR:	1.0*
INVERSE:	0	REAGENT RATE:	-
FILTER POSITION:	6	STANDARD VALUE:	**
DEP. TEST:	-	NORMAL LO:	0.0
BIC CHEM:	0	NORMAL HIGH:	20.0
BIC FACT:	-	SLOPE:	1.00
DEP. LIM:	-	INTERCEPT:	0.00
DELAY:	8 SP 00	EP LIMIT:	1.00
INCUBATION:	-	C1* 10E -6:	-
DEFAULT:	-	C2* 10E -6:	-
BLANK:	-	D1* 10E -6:	-
REAGENT VOLUME %:	70	LIN FACTOR:	-
2 ND REAGENT:	0	FIRST LIMIT:	-
2 ND REAGENT VOLUME:	0	DELTA NUMBER:	-
UNITS:	4		

*Calculated by calibration assay

**Enter value of standard being used.

COMMENTS:

Prepare working reagent as stated in package insert instructions.

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 11/02

Pointe Scientific, Inc.

Instrument Application

Analyzer: RA-500/1000XT
Test: LDH
Catalog # : L7535, L7572

NAME:	LDH	DECIMAL:	0
CHEM NUMBER:	USER DEFINED	REAGENT BLANK LOW:	0.000
LOCK:	USER DEFINED	REAGENT BLANK HI:	1.000
TYPE:	0	RANGE HI:	1700
SAMPLE VOLUME %:	9	CALIBRATION FACTOR:	17808
INVERSE:	0	REAGENT RATE:	0.0*
FILTER POSITION:	1	STANDARD VALUE:	-
DEP. TEST:	-	NORMAL LO:	120
BIC CHEM:	0	NORMAL HIGH:	250
BIC FACT:	-	SLOPE:	1.000
DEP. LIM:	-	INTERCEPT:	0.000
DELAY:	0 SP 30	EP LIMIT:	-
INCUBATION:	-	C1* 10E -6:	0.00
DEFAULT:	-	C2* 10E -6:	99999.01
BLANK:	-	D1* 10E -6:	9.80
REAGENT VOLUME %:	72	LIN FACTOR:	-
2 ND REAGENT:	0	FIRST LIMIT:	-
2 ND REAGENT VOLUME:	-	DELTA NUMBER:	0.015
UNITS:	3		

*Actual value determined by RB blank.

COMMENTS:

Add 1 drop wetting agent/10ml rgt.

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 11/02

Pointe Scientific, Inc.

Instrument Application

Analyzer: RA-500/1000XT
Test: autoLDL
Catalog # : L7574

NAME:	autoLDL	DECIMAL:	0
CHEM NUMBER:	USER DEFINED	REAGENT BLANK LOW:	0.000
LOCK:	USER DEFINED	REAGENT BLANK HI:	2.000
TYPE:	2	RANGE HI:	700
SAMPLE VOLUME %:	6	CALIBRATION FACTOR:	1.0*
INVERSE:	0	REAGENT RATE:	**
FILTER POSITION:	6 (600)	STANDARD VALUE:	***
DEP. TEST:	-	NORMAL LO:	160
BIC CHEM:	0	NORMAL HIGH:	185
BIC FACT:	-	SLOPE:	1.000
DEP. LIM:	-	INTERCEPT:	0.0000
DELAY:	5 SP 00	EP LIMIT:	1.000
INCUBATION:	-	C1* 10E -6:	-
DEFAULT:	-	C2* 10E -6:	-
BLANK:	-	D1* 10E -6:	-
REAGENT VOLUME %:	60	LIN FACTOR:	-
2 ND REAGENT:	1	FIRST LIMIT:	-
2 ND REAGENT VOLUME:	20	DELTA NUMBER:	-
UNITS:	2 (mg/dl)		

*Calculated by calibration assay

**Actual value determined by RB blank.

***Enter value of standard being used.

COMMENTS:

Do not add wetting agent.

Reagents are supplied ready to use.

. Enter 4 SP 00 for DELAY.

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Pointe Scientific, Inc.

Instrument Application

Analyzer: RA-500/1000XT
Test: LIPASE
Catalog # : L7503

NAME:	LIPASE	DECIMAL:	0
CHEM NUMBER:	USER DEFINED	REAGENT BLANK LOW:	0.000
LOCK:	USER DEFINED	REAGENT BLANK HI:	0.500
TYPE:	1	RANGE HI:	700
SAMPLE VOLUME %:	10	CALIBRATION FACTOR:	1.0*
INVERSE:	0	REAGENT RATE:	0.0**
FILTER POSITION:	5	STANDARD VALUE:	***
DEP. TEST:	-	NORMAL LO:	0
BIC CHEM:	0	NORMAL HIGH:	62
BIC FACT:	-	SLOPE:	1.000
DEP. LIM:	-	INTERCEPT:	0.000
DELAY:	3 SP 00	EP LIMIT:	-
INCUBATION:	2 SP 00	C1* 10E -6:	-
DEFAULT:	-	C2* 10E -6:	-
BLANK:	-	D1* 10E -6:	-
REAGENT VOLUME %:	60	LIN FACTOR:	1.1
2 ND REAGENT:	1	FIRST LIMIT:	1.0
2 ND REAGENT VOLUME:	20	DELTA NUMBER:	-
UNITS:	3		

*Calculated by calibration assay

**Actual value determined by RB blank.

***Enter value of standard being used.

COMMENTS:

Do not add wetting agent.

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Pointe Scientific, Inc.

Instrument Application

Analyzer: RA-500/1000XT
Test: MAGNESIUM
Catalog # : M7527

NAME:	MAGNESIUM	DECIMAL:	1
CHEM NUMBER:	USER DEFINED	REAGENT BLANK LOW:	0.000
LOCK:	USER DEFINED	REAGENT BLANK HI:	1.000
TYPE:	2	RANGE HI:	4.5
SAMPLE VOLUME %:	7	CALIBRATION FACTOR:	1.0*
INVERSE:	0	REAGENT RATE:	-
FILTER POSITION:	5	STANDARD VALUE:	**
DEP. TEST:	-	NORMAL LO:	1.8
BIC CHEM:	0	NORMAL HIGH:	2.4
BIC FACT:	-	SLOPE:	1.000
DEP. LIM:	-	INTERCEPT:	0.000
DELAY:	2 SP 00	EP LIMIT:	0.1000
INCUBATION:	-	C1* 10E -6:	-
DEFAULT:	-	C2* 10E -6:	-
BLANK:	-	D1* 10E -6:	-
REAGENT VOLUME %:	70	LIN FACTOR:	-
2 ND REAGENT:	0	FIRST LIMIT:	-
2 ND REAGENT VOLUME:	-	DELTA NUMBER:	-
UNITS:	2		

*Calculated by calibration assay

**Enter value of standard being used.

COMMENTS:

Do not add wetting agent.

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 11/02

Pointe Scientific, Inc.

Instrument Application

Analyzer: RA-500/1000XT
Test: MICROPROTEIN
Catalog # : M7582

NAME:	MICROPROTEIN	DECIMAL:	0
CHEM NUMBER:	USER DEFINED	REAGENT BLANK LOW:	0.000
LOCK:	USER DEFINED	REAGENT BLANK HI:	0.400
TYPE:	2	RANGE HI:	200
SAMPLE VOLUME %:	12	CALIBRATION FACTOR:	1.0*
INVERSE:	0	REAGENT RATE:	
FILTER POSITION:	6	STANDARD VALUE:	**
DEP. TEST:	-	NORMAL LO:	28
BIC CHEM:	0	NORMAL HIGH:	141 mg/day
BIC FACT:	-	SLOPE:	1.000
DEP. LIM:	-	INTERCEPT:	0.000
DELAY:	10 SP 00	EP LIMIT:	-
INCUBATION:	-	C1* 10E -6:	-
DEFAULT:	-	C2* 10E -6:	-
BLANK:	-	D1* 10E -6:	-
REAGENT VOLUME %:	72	LIN FACTOR:	-
2 ND REAGENT:	0	FIRST LIMIT:	-
2 ND REAGENT VOLUME:	-	DELTA NUMBER:	-
UNITS:	2		

*Calculated by calibration assay

**Enter value of standard being used.

COMMENTS:

Do not add wetting agent.

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 11/02

Pointe Scientific, Inc.

Instrument Application

Analyzer: RA-500/1000XT
Test: PHOSPHORUS
Catalog # : P7516

NAME:	PHOSPHORUS	DECIMAL:	1
CHEM NUMBER:	USER DEFINED	REAGENT BLANK LOW:	0.000
LOCK:	USER DEFINED	REAGENT BLANK HI:	0.275
TYPE:	2	RANGE HI:	10.0
SAMPLE VOLUME %:	10	CALIBRATION FACTOR:	1.0*
INVERSE:	0	REAGENT RATE:	-
FILTER POSITION:	1	STANDARD VALUE:	**
DEP. TEST:	-	NORMAL LO:	2.5
BIC CHEM:	0	NORMAL HIGH:	4.8
BIC FACT:	-	SLOPE:	1.000
DEP. LIM:	-	INTERCEPT:	0.000
DELAY:	5 SP 00	EP LIMIT:	0.0150
INCUBATION:	-	C1* 10E -6:	-
DEFAULT:	-	C2* 10E -6:	-
BLANK:	-	D1* 10E -6:	-
REAGENT VOLUME %:	75	LIN FACTOR:	-
2 ND REAGENT:	0	FIRST LIMIT:	-
2 ND REAGENT VOLUME:	-	DELTA NUMBER:	-
UNITS:	2		

*Calculated by calibration assay

**Enter value of standard being used.

COMMENTS:

Do not add wetting agent.

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 11/02

Pointe Scientific, Inc.

Instrument Application

Analyzer: RA-500/1000XT
Test: PROTEIN TOTAL
Catalog # : T7528

NAME:	PROTEIN TOTAL	DECIMAL:	1
CHEM NUMBER:	USER DEFINED	REAGENT BLANK LOW:	0.000
LOCK:	USER DEFINED	REAGENT BLANK HI:	0.250
TYPE:	2	RANGE HI:	15.0
SAMPLE VOLUME %:	14	CALIBRATION FACTOR:	1.0*
INVERSE:	0	REAGENT RATE:	-
FILTER POSITION:	5	STANDARD VALUE:	**
DEP. TEST:	-	NORMAL LO:	6.2
BIC CHEM:	0	NORMAL HIGH:	8.5
BIC FACT:	-	SLOPE:	1.000
DEP. LIM:	-	INTERCEPT:	0.000
DELAY:	5 SP 00	EP LIMIT:	0.0100
INCUBATION:	-	C1* 10E -6:	-
DEFAULT:	-	C2* 10E -6:	-
BLANK:	-	D1* 10E -6:	-
REAGENT VOLUME %:	70	LIN FACTOR:	-
2 ND REAGENT:	0	FIRST LIMIT:	-
2 ND REAGENT VOLUME:	-	DELTA NUMBER:	-
UNITS:	1		

*Calculated by calibration assay

**Enter value of standard being used.

COMMENTS:

Do not add wetting agent.

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 11/02

Pointe Scientific, Inc.

Instrument Application

Analyzer: RA-500/1000XT
Test: TRIG GPO
Catalog # : T7531

NAME:	TRIG GPO	DECIMAL:	0
CHEM NUMBER:	USER DEFINED	REAGENT BLANK LOW:	0.000
LOCK:	USER DEFINED	REAGENT BLANK HI:	0.500
TYPE:	2	RANGE HI:	1000
SAMPLE VOLUME %:	7	CALIBRATION FACTOR:	1.0*
INVERSE:	0	REAGENT RATE:	-
FILTER POSITION:	5	STANDARD VALUE:	**
DEP. TEST:	-	NORMAL LO:	36
BIC CHEM:	0	NORMAL HIGH:	165
BIC FACT:	-	SLOPE:	1.000
DEP. LIM:	-	INTERCEPT:	0.000
DELAY:	5 SP 00	EP LIMIT:	0.0150
INCUBATION:	-	C1* 10E -6:	-
DEFAULT:	-	C2* 10E -6:	-
BLANK:	-	D1* 10E -6:	-
REAGENT VOLUME %:	70	LIN FACTOR:	-
2 ND REAGENT:	0	FIRST LIMIT:	-
2 ND REAGENT VOLUME:	-	DELTA NUMBER:	-
UNITS:	2		

*Calculated by calibration assay

**Enter value of standard being used.

COMMENTS:

Do not add wetting agent.

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 11/02

Pointe Scientific, Inc.

Instrument Application

Analyzer: RA-500/1000XT
Test: FAST URIC ACID
Catalog # : U7580,U7581

NAME:	FAST URIC ACID	DECIMAL:	1
CHEM NUMBER:	USER DEFINED	REAGENT BLANK LOW:	0.000
LOCK:	USER DEFINED	REAGENT BLANK HI:	0.700
TYPE:	2	RANGE HI:	25.0
SAMPLE VOLUME %:	18	CALIBRATION FACTOR:	1.0*
INVERSE:	0	REAGENT RATE:	-
FILTER POSITION:	5	STANDARD VALUE:	**
DEP. TEST:	-	NORMAL LO:	2.2
BIC CHEM:	0	NORMAL HIGH:	7.7
BIC FACT:	-	SLOPE:	1.000
DEP. LIM:	-	INTERCEPT:	0.000
DELAY:	2 SP 00	EP LIMIT:	0.0100
INCUBATION:	-	C1* 10E -6:	-
DEFAULT:	-	C2* 10E -6:	-
BLANK:	-	D1* 10E -6:	-
REAGENT VOLUME %:	72	LIN FACTOR:	-
2 ND REAGENT:	0	FIRST LIMIT:	-
2 ND REAGENT VOLUME:	-	DELTA NUMBER:	-
UNITS:	2		

*Calculated by calibration assay

**Enter value of standard being used.

COMMENTS:

Add 1 drop wetting agent/10ml rgt.

Serum based calibrator is strongly recommended.

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 11/02

Pointe Scientific, Inc.

Instrument Application

Analyzer: RA-500/1000XT
Test: URIC ACID
Catalog # : U7580,U7581

NAME:	URIC ACID	DECIMAL:	1
CHEM NUMBER:	USER DEFINED	REAGENT BLANK LOW:	0.000
LOCK:	USER DEFINED	REAGENT BLANK HI:	0.500
TYPE:	2	RANGE HI:	25.0
SAMPLE VOLUME %:	14	CALIBRATION FACTOR:	1.0*
INVERSE:	0	REAGENT RATE:	-
FILTER POSITION:	4	STANDARD VALUE:	**
DEP. TEST:	-	NORMAL LO:	2.2
BIC CHEM:	0	NORMAL HIGH:	7.7
BIC FACT:	-	SLOPE:	1.000
DEP. LIM:	-	INTERCEPT:	0.000
DELAY:	5 SP 00	EP LIMIT:	0.0150
INCUBATION:	-	C1* 10E -6:	-
DEFAULT:	-	C2* 10E -6:	-
BLANK:	-	D1* 10E -6:	-
REAGENT VOLUME %:	70	LIN FACTOR:	-
2 ND REAGENT:	0	FIRST LIMIT:	-
2 ND REAGENT VOLUME:	-	DELTA NUMBER:	-
UNITS:	2		

*Calculated by calibration assay

**Enter value of standard being used.

COMMENTS:

Add 1 drop wetting agent/10ml rgt.

Serum based calibrator is strongly recommended.

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 11/02

RA 500/1000/XT APPLICATION

UIBC (continued):

Reagent Preparation

1. UIBC Working Reagent: Mix 1 part Iron Standard with 9 parts UIBC Buffer reagent.
2. UIBC Color Reagent: Mix 1 part Iron Color reagent with 5 parts UIBC Buffer reagent.

Procedure

1. Set Inverse chemistry to OFF (INVERSE=0).
2. Run 5 water samples using worklist subfunction 8 to set Reagent Blank Rate.
3. Calibrate the assay by running 5 samples of Iron Standard.
4. Set Inverse chemistry to ON (INVERSE=1) when running patient samples.
5. Printed results are UIBC (ug/dl).

TIBC

TIBC (ug/dl) = UIBC + TOTAL IRON

Rev. 6/01