

Pointe Scientific, Inc.
Instrument Application

Analyzer: Hitachi 705
Test: ACID PHOSPHATASE

PREPARE REAGENT ACCORDING TO PACKAGE INSERT

TEST #	1
CODE	ACP
ASSAY CODE	RATE 2-19-31
SAMPLE VOLUME	20
R1 VOLUME	350
R2 VOLUME	1-1-N
WAVELENGTH 1	660
WAVELENGTH 2	415
RGT BLANK ABS	0
RGT BLANK CONC	0
STD CONC	0-0-0
FACTOR	-1416
STD ABS ALLOW	10%
NORMAL RANGE L	0
NORMAL RANGE H	9
ABS LIMIT (RATE)	25,000
TEMPERATURE	37C

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1. Use Acid Phos. Reagent to obtain T. Acid Phos. values.
 2. Use 0.5ml Tartrate reagent to 10ml Acid Phos. Reagent to obtain non-prostatic Acid Phos values.
 3. These two tests may be setup on different channels to be run simultaneously.

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: Hitachi 705
Test: ALBUMIN

READY TO USE LIQUID

TEST #	2
CODE	ALB
ASSAY CODE	1
SAMPLE VOLUME	5
R1 VOLUME	50 (NORMAL SALINE)
R2 VOLUME	500 (ALBUMIN RGT.)
WAVELENGTH 1	700
WAVELENGTH 2	600
RGT BLANK ABS	0
RGT BLANK CONC	0
STD CONC	XX-XX*
FACTOR	-
STD ABS ALLOW	10%
NORMAL RANGE L	3.5
NORMAL RANGE H	5.3
ABS LIMIT (RATE)	-
TEMPERATURE	37C

*Use multi-purpose calibrator.

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

Rev. 1-03

Pointe Scientific, Inc.
Instrument Application

Analyzer: Hitachi 705
Test: ALKALINE PHOSPHATASE

PREPARE REAGENT ACCORDING TO PACKAGE INSERT

TEST #	5
CODE	ALP
ASSAY CODE	RATE 19-31
SAMPLE VOLUME	15
R1 VOLUME	350
R2 VOLUME	0
WAVELENGTH 1	560
WAVELENGTH 2	415
RGT BLANK ABS	0
RGT BLANK CONC	-
STD CONC	0-0-1
FACTOR	-1885*
STD ABS ALLOW	10%
NORMAL RANGE L	25
NORMAL RANGE H	90
ABS LIMIT (RATE)	25,000
TEMPERATURE	37C

*Adjust according to individual instrument.

Factor for determining activity on this instrument was -1733.

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

Rev. 1-03

Pointe Scientific, Inc.
Instrument Application

Analyzer: Hitachi 705
Test: ALT (SGPT)

PREPARE REAGENT ACCORDING TO PACKAGE INSERT

TEST #	20
CODE	GPT
ASSAY CODE	RATE 19-31
SAMPLE VOLUME	5
R1 VOLUME	400
R2 VOLUME	0
WAVELENGTH 1	376
WAVELENGTH 2	340
RGT BLANK ABS	0
RGT BLANK CONC	0
STD CONC	0-0-1
FACTOR	20464*
STD ABS ALLOW	10%
NORMAL RANGE L	0
NORMAL RANGE H	38
ABS LIMIT (RATE)	7500
TEMPERATURE	37C

*Adjust according to individual instrument.

Factor for determining activity on this instrument was 5366.

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

Rev. 1-03

Pointe Scientific, Inc.
Instrument Application

Analyzer: Hitachi 705
Test: ALT (SGPT) LIQUID

READY TO USE LIQUID

TEST #	20
CODE	ALT
ASSAY CODE	RATE 19-31
SAMPLE VOLUME	5
R1 VOLUME	300 (SUBSTRATE)
R2 VOLUME	50 (COENZYME)
WAVELENGTH 1	376
WAVELENGTH 2	340
RGT BLANK ABS	0
RGT BLANK CONC	0
STD CONC	0-0-1
FACTOR	20464*
STD ABS ALLOW	10%
NORMAL RANGE L	4
NORMAL RANGE H	36
ABS LIMIT (RATE)	7500
TEMPERATURE	37C

*Adjust according to individual instrument.

Factor for determining activity on this instrument was 5366.

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

Rev. 1-03

Pointe Scientific, Inc.

Instrument Application

PRELIMINARY

Analyzer: Hitachi 705

Test: AMYLASE-CNPG3 (LIQUID)

READY TO USE LIQUID

TEST #	1
CODE	AMY
ASSAY CODE	2/10/14
SAMPLE VOLUME	10
R1 VOLUME	500
R2 VOLUME	1-1-N
WAVELENGTH 1	660
WAVELENGTH 2	415
RGT BLANK ABS	0
RGT BLANK CONC	0
STD CONC	0
FACTOR	-3902
STD ABS ALLOW	10%
NORMAL RANGE L	25
NORMAL RANGE H	125
ABS LIMIT (RATE)	25000
TEMPERATURE	37C

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

Rev. 1-03

Pointe Scientific, Inc.
Instrument Application

Analyzer: Hitachi 705
Test: ASO (2-POINT CALIBRATION)

READY TO USE LIQUID

TEST #	USER DEFINED
CODE	CRP
ASSAY CODE	ENDPOINT
SAMPLE VOLUME	15
R1 VOLUME	350-Y
R2 VOLUME	100-[]-Y
WAVELENGTH 1	700
WAVELENGTH 2	340
RGT BLANK ABS	-
RGT BLANK CONC	0.0
STD CONC	*1
FACTOR	-
STD ABS ALLOW	15%
NORMAL RANGE L	*
NORMAL RANGE H	*
ABS LIMIT (RATE)	
TEMPERATURE	37C

*User defined, enter value of calibrators.

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

Rev. 1-03

Pointe Scientific, Inc.
Instrument Application

Analyzer: Hitachi 705
Test: AST (SGOT)

PREPARE REAGENT ACCORDING TO PACKAGE INSERT

TEST #	19
CODE	GOT
ASSAY CODE	RATE 19-31
SAMPLE VOLUME	5
R1 VOLUME	400
R2 VOLUME	0
WAVELENGTH 1	376
WAVELENGTH 2	340
RGT BLANK ABS	0
RGT BLANK CONC	0
STD CONC	0-0-1
FACTOR	4405*
STD ABS ALLOW	10%
NORMAL RANGE L	0
NORMAL RANGE H	40
ABS LIMIT (RATE)	7500
TEMPERATURE	37C

*Adjust according to individual instrument.

Factor for determining activity on this instrument was 5366.

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

Rev. 1-03

Pointe Scientific, Inc.
Instrument Application

Analyzer: Hitachi 705
Test: AST (SGOT) LIQUID

READY TO USE LIQUID

TEST #	20
CODE	AST
ASSAY CODE	RATE 19-31
SAMPLE VOLUME	5
R1 VOLUME	300 (SUBSTRATE)
R2 VOLUME	50 (COENZYME)
WAVELENGTH 1	376
WAVELENGTH 2	340
RGT BLANK ABS	0
RGT BLANK CONC	0
STD CONC	0-0-1
FACTOR	20464*
STD ABS ALLOW	10%
NORMAL RANGE L	5
NORMAL RANGE H	34
ABS LIMIT (RATE)	7500
TEMPERATURE	37C

*Adjust according to individual instrument.

Factor for determining activity on this instrument was 5366.

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

Rev. 1-03

Pointe Scientific, Inc.
Instrument Application

Analyzer: Hitachi 705
Test: TOTAL BILIRUBIN

PREPARE REAGENT ACCORDING TO PACKAGE INSERT

TEST #	31
CODE	TOTAL BILIRUBIN
ASSAY CODE	1
SAMPLE VOLUME	14
R1 VOLUME	350
R2 VOLUME	1-1-N
WAVELENGTH 1	660
WAVELENGTH 2	546
RGT BLANK ABS	0
RGT BLANK CONC	0
STD CONC	*
FACTOR	0
STD ABS ALLOW	10%
NORMAL RANGE L	0.2
NORMAL RANGE H	1.2
ABS LIMIT (RATE)	0
TEMPERATURE	37C

*User defined

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

Rev. 1-03

Pointe Scientific, Inc.
Instrument Application

Analyzer: Hitachi 705
Test: BUN

PREPARE REAGENT ACCORDING TO PACKAGE INSERT

TEST #	8
CODE	BUN
ASSAY CODE	1
SAMPLE VOLUME	5
R1 VOLUME	500
R2 VOLUME	1-1-N
WAVELENGTH 1	376
WAVELENGTH 2	340
RGT BLANK ABS	0
RGT BLANK CONC	0
STD CONC	*
FACTOR	0
STD ABS ALLOW	10%
NORMAL RANGE L	7
NORMAL RANGE H	18
ABS LIMIT (RATE)	0
TEMPERATURE	37C

*User defined

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

Rev. 1-03

Pointe Scientific, Inc.
Instrument Application

Analyzer: Hitachi 705
Test: CALCIUM

PREPARE REAGENT ACCORDING TO PACKAGE INSERT

TEST #	8
CODE	CA
ASSAY CODE	ENDPOINT
SAMPLE VOLUME	15
R1 VOLUME	350
R2 VOLUME	350
WAVELENGTH 1	660
WAVELENGTH 2	570
RGT BLANK ABS	0
RGT BLANK CONC	0
STD CONC	XX-XX*
FACTOR	-
STD ABS ALLOW	10%
NORMAL RANGE L	8.5
NORMAL RANGE H	10.5
ABS LIMIT (RATE)	-
TEMPERATURE	37C

R1=REAGENT B (BUFFER)

R2=REAGENT A (COLOR)

*Use Multi-purpose calibrator.

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

Rev. 1-03

Pointe Scientific, Inc.
Instrument Application

Analyzer: Hitachi 705
Test: CALCIUM (ARSENAZO)

READY TO USE LIQUID

TEST #	*
CODE	CA
ASSAY CODE	ENDPT (1)
SAMPLE VOLUME	5
R1 VOLUME	500
R2 VOLUME	0
WAVELENGTH 1	NONE
WAVELENGTH 2	660
RGT BLANK ABS	0
RGT BLANK CONC	0
STD CONC	X-X-X*
FACTOR	0
STD ABS ALLOW	10%
NORMAL RANGE L	8.5
NORMAL RANGE H	10.4
ABS LIMIT (RATE)	0
TEMPERATURE	37C

*User defined

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

Rev. 1-03

Pointe Scientific, Inc.
Instrument Application

Analyzer: Hitachi 705
Test: CALCIUM (DRY)

PREPARE REAGENT ACCORDING TO PACKAGE INSERT

TEST #	9
CODE	CA
ASSAY CODE	ENDPOINT
SAMPLE VOLUME	15
R1 VOLUME	700
R2 VOLUME	0
WAVELENGTH 1	660
WAVELENGTH 2	570
RGT BLANK ABS	0
RGT BLANK CONC	0
STD CONC	XX-XX*
FACTOR	-
STD ABS ALLOW	10%
NORMAL RANGE L	8.5
NORMAL RANGE H	10.5
ABS LIMIT (RATE)	-
TEMPERATURE	37C

*Use multi-purpose calibrator.

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

Rev. 1-03

Pointe Scientific, Inc.
Instrument Application

Analyzer: Hitachi 705
Test: CARBON DIOXIDE (380)

PREPARE REAGENT ACCORDING TO PACKAGE INSERT

TEST #	*
CODE	CO2
ASSAY CODE	1
SAMPLE VOLUME	5
R1 VOLUME	500
R2 VOLUME	0
WAVELENGTH 1	600
WAVELENGTH 2	376
RGT BLANK ABS	0
RGT BLANK CONC	0
STD CONC	X-X-X*
FACTOR	0
STD ABS ALLOW	10%
NORMAL RANGE L	23
NORMAL RANGE H	34
ABS LIMIT (RATE)	0
TEMPERATURE	37C

*User defined

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

Rev. 1-03

Pointe Scientific, Inc.
Instrument Application

Analyzer: Hitachi 705
Test: CHLORIDE

READY TO USE LIQUID

TEST #	OTHER
CODE	CHLORIDE
ASSAY CODE	1
SAMPLE VOLUME	4
R1 VOLUME	400
R2 VOLUME	1-1-N
WAVELENGTH 1	570
WAVELENGTH 2	450
RGT BLANK ABS	0
RGT BLANK CONC	70.0
STD CONC	*
FACTOR	-
STD ABS ALLOW	10%
NORMAL RANGE L	98
NORMAL RANGE H	106
ABS LIMIT (RATE)	0
TEMPERATURE	RT

*User defined

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

Rev. 1-03

Pointe Scientific, Inc.
Instrument Application

Analyzer: Hitachi 705
Test: CHOLESTEROL

PREPARE REAGENT ACCORDING TO PACKAGE INSERT

TEST #	11
CODE	CHOL
ASSAY CODE	ENDPT (1)
SAMPLE VOLUME	5
R1 VOLUME	500
R2 VOLUME	0
WAVELENGTH 1	600
WAVELENGTH 2	546
RGT BLANK ABS	0
RGT BLANK CONC	0
STD CONC	X-X-X*
FACTOR	0
STD ABS ALLOW	10%
NORMAL RANGE L	120
NORMAL RANGE H	330
ABS LIMIT (RATE)	0
TEMPERATURE	37C

*Use multi-purpose calibrator.

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

Rev. 1-03

Pointe Scientific, Inc.
Instrument Application

Analyzer: Hitachi 705
Test: CK

PREPARE REAGENT ACCORDING TO PACKAGE INSERT

TEST #	13
CODE	CPK
ASSAY CODE	RATE 22-31
SAMPLE VOLUME	5
R1 VOLUME	400
R2 VOLUME	0
WAVELENGTH 1	376
WAVELENGTH 2	340
RGT BLANK ABS	0
RGT BLANK CONC	0
STD CONC	0-0-0
FACTOR	-18890*
STD ABS ALLOW	10%
NORMAL RANGE L	25
NORMAL RANGE H	192
ABS LIMIT (RATE)	13,000
TEMPERATURE	37C

*Adjust according to individual instrument.

Factor for determining activity on this instrument was -10488.

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

Rev. 1-03

Pointe Scientific, Inc.
Instrument Application

Analyzer: Hitachi 705
Test: GLUCOSE OXIDASE

PREPARE REAGENT ACCORDING TO PACKAGE INSERT

TEST #	*
CODE	GLU
ASSAY CODE	ENDPOINT
SAMPLE VOLUME	5
R1 VOLUME	500
R2 VOLUME	0
WAVELENGTH 1	600
WAVELENGTH 2	546
RGT BLANK ABS	0
RGT BLANK CONC	0
STD CONC	*
FACTOR	0
STD ABS ALLOW	10%
NORMAL RANGE L	65
NORMAL RANGE H	110
ABS LIMIT (RATE)	0
TEMPERATURE	37C

*User defined

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

Rev. 1-03

Pointe Scientific, Inc.
Instrument Application

Analyzer: Hitachi 705
Test: HBDH

PREPARE REAGENT ACCORDING TO PACKAGE INSERT

TEST #	*
CODE	HBDH
ASSAY CODE	RATE 19-31
SAMPLE VOLUME	8
R1 VOLUME	400
R2 VOLUME	0
WAVELENGTH 1	376
WAVELENGTH 2	340
RGT BLANK ABS	0
RGT BLANK CONC	0
STD CONC	0-0-1
FACTOR	12790
STD ABS ALLOW	10%
NORMAL RANGE L	0
NORMAL RANGE H	96
ABS LIMIT (RATE)	190
TEMPERATURE	37C

*Adjust according to individual instrument.

Factor for determining activity on this instrument was 5366.

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

Rev. 1-03

Pointe Scientific, Inc.
Instrument Application

Analyzer: Hitachi 705
Test: CREATININE

PREPARE REAGENT ACCORDING TO PACKAGE INSERT

TEST #	14
CODE	CREAT
ASSAY CODE	RATE 19-22
SAMPLE VOLUME	25
R1 VOLUME	500
R2 VOLUME	0
WAVELENGTH 1	570
WAVELENGTH 2	505
RGT BLANK ABS	0
RGT BLANK CONC	0
STD CONC	XX-XX-1*
FACTOR	-
STD ABS ALLOW	10%
NORMAL RANGE L	0.4
NORMAL RANGE H	1.4
ABS LIMIT (RATE)	4500
TEMPERATURE	37C

Working Creatinine reagent: prepare by adding 9 parts picric acid to 1 part sodium hydroxide.

*Use multi-purpose calibrator.

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

Rev. 1-03

Pointe Scientific, Inc.
Instrument Application

Analyzer: Hitachi 705
Test: CRP (2-POINT CALIBRATION)

READY TO USE LIQUID

TEST #	USER DEFINED
CODE	CRP
ASSAY CODE	ENDPOINT
SAMPLE VOLUME	15
R1 VOLUME	350-Y
R2 VOLUME	100-[]-Y
WAVELENGTH 1	700
WAVELENGTH 2	340
RGT BLANK ABS	-
RGT BLANK CONC	0.0
STD CONC	*1
FACTOR	-
STD ABS ALLOW	15%
NORMAL RANGE L	*
NORMAL RANGE H	*
ABS LIMIT (RATE)	
TEMPERATURE	37C

*User defined, enter value of calibrators.

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

Rev. 1-03

Pointe Scientific, Inc.
Instrument Application

Analyzer: Hitachi 705
Test: GGTP

PREPARE REAGENT ACCORDING TO PACKAGE INSERT

TEST #	16
CODE	GGT
ASSAY CODE	2-10-15
SAMPLE VOLUME	20
R1 VOLUME	500
R2 VOLUME	1-1-N
WAVELENGTH 1	660
WAVELENGTH 2	415
RGT BLANK ABS	0
RGT BLANK CONC	0
STD CONC	0
FACTOR	-3282
STD ABS ALLOW	10%
NORMAL RANGE L	0
NORMAL RANGE H	45
ABS LIMIT (RATE)	20,000
TEMPERATURE	37C

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

Rev. 1-03

Pointe Scientific, Inc.
Instrument Application

Analyzer: Hitachi 705
Test: GGTP (SOLUBLE)

PREPARE REAGENT ACCORDING TO PACKAGE INSERT

TEST #	15
CODE	GGT
ASSAY CODE	2-10-15
SAMPLE VOLUME	20
R1 VOLUME	500
R2 VOLUME	1-1-N
WAVELENGTH 1	660
WAVELENGTH 2	415
RGT BLANK ABS	0
RGT BLANK CONC	0
STD CONC	0
FACTOR	-3420
STD ABS ALLOW	10%
NORMAL RANGE L	8
NORMAL RANGE H	54
ABS LIMIT (RATE)	20,000
TEMPERATURE	37C

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

Rev. 1-03

Pointe Scientific, Inc.
Instrument Application

Analyzer: Hitachi 705
Test: GLUCOSE HEXOKINASE

PREPARE REAGENT ACCORDING TO PACKAGE INSERT

TEST #	18
CODE	GLU
ASSAY CODE	ENDPOINT
SAMPLE VOLUME	5
R1 VOLUME	500
R2 VOLUME	0
WAVELENGTH 1	376
WAVELENGTH 2	340
RGT BLANK ABS	200
RGT BLANK CONC	0
STD CONC	*
FACTOR	0
STD ABS ALLOW	10%
NORMAL RANGE L	65
NORMAL RANGE H	110
ABS LIMIT (RATE)	0
TEMPERATURE	37C

*User defined

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

Rev. 1-03

Pointe Scientific, Inc.
Instrument Application

Analyzer: Hitachi 705
Test: HDL CHOLESTEROL

TEST #	11
CODE	HDL
ASSAY CODE	ENDPT (1)
SAMPLE VOLUME	15
R1 VOLUME	500
R2 VOLUME	0
WAVELENGTH 1	600
WAVELENGTH 2	546
RGT BLANK ABS	0
RGT BLANK CONC	0
STD CONC	X-X-X*
FACTOR	0
STD ABS ALLOW	10%
NORMAL RANGE L	30
NORMAL RANGE H	75
ABS LIMIT (RATE)	0
TEMPERATURE	37C

Result must be multiplied by dilution factor from the HDL precipitating procedure.

*User defined

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

Rev. 1-03

Pointe Scientific, Inc.
Instrument Application

Analyzer: Hitachi 705
Test: LACTATE

PREPARE REAGENT ACCORDING TO PACKAGE INSERT

TEST #	USER DEFINED
CODE	LACTATE
ASSAY CODE	ENDPOINT
SAMPLE VOLUME	6
R1 VOLUME	300
R2 VOLUME	200
WAVELENGTH 1	700
WAVELENGTH 2	546
RGT BLANK ABS	-
RGT BLANK CONC	-
STD CONC	*
FACTOR	-
STD ABS ALLOW	10%
NORMAL RANGE L	*
NORMAL RANGE H	*
ABS LIMIT (RATE)	-
TEMPERATURE	37C

*User defined, enter value of calibrators.

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

Rev. 1-03

Pointe Scientific, Inc.
Instrument Application

Analyzer: Hitachi 705
Test: LDH-L

PREPARE REAGENT ACCORDING TO PACKAGE INSERT

TEST #	25
CODE	LDH
ASSAY CODE	RATE 19-28
SAMPLE VOLUME	5
R1 VOLUME	400
R2 VOLUME	0
WAVELENGTH 1	376
WAVELENGTH 2	340
RGT BLANK ABS	0
RGT BLANK CONC	0
STD CONC	0-0-1
FACTOR	-20940*
STD ABS ALLOW	10%
NORMAL RANGE L	80
NORMAL RANGE H	285
ABS LIMIT (RATE)	5500
TEMPERATURE	37C

*Adjust according to individual instrument.

Factor for determining activity on this instrument was -12439.

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

Rev. 1-03

Pointe Scientific, Inc.
Instrument Application

Analyzer: Hitachi 705
Test: LIPASE (COLOR)

PREPARE REAGENT ACCORDING TO PACKAGE INSERT

TEST #	*
CODE	LIPASE
ASSAY CODE	RATE-A-27-32
SAMPLE VOLUME	5
R1 VOLUME	300
R2 VOLUME	100
WAVELENGTH 1	660
WAVELENGTH 2	546
RGT BLANK ABS	0
RGT BLANK CONC	0
STD CONC	XX-XX-1*
FACTOR	-
STD ABS ALLOW	10%
NORMAL RANGE L	0
NORMAL RANGE H	62
ABS LIMIT (RATE)	8300
TEMPERATURE	37C

R1=LIPASE SUBSTRATE

R2=LIPASE ACTIVATOR

*User defined

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

Rev. 1-03

Pointe Scientific, Inc.
Instrument Application

Analyzer: Hitachi 705
Test: MAGNESIUM

PREPARE REAGENT ACCORDING TO PACKAGE INSERT

TEST #	*
CODE	MG
ASSAY CODE	1
SAMPLE VOLUME	5
R1 VOLUME	500 (RGT A) (COLOR)
R2 VOLUME	50-CW-VS (RGT B) (BUFFER)
WAVELENGTH 1	660
WAVELENGTH 2	546
RGT BLANK ABS	-
RGT BLANK CONC	-
STD CONC	*
FACTOR	-
STD ABS ALLOW	10%
NORMAL RANGE L	1.3mEq/L
NORMAL RANGE H	2.5mEq/L
ABS LIMIT (RATE)	-
TEMPERATURE	RT

*User defined

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

Rev. 1-03

Pointe Scientific, Inc.

Instrument Application

CALIBRATION)

Analyzer: Hitachi 705

Test: MICRO ALBUMIN (2-POINT

READY TO USE LIQUID

TEST #	USER DEFINED
CODE	u-ALB
ASSAY CODE	ENDPOINT
SAMPLE VOLUME	12
R1 VOLUME	360-Y
R2 VOLUME	120-[]-Y
WAVELENGTH 1	700
WAVELENGTH 2	340
RGT BLANK ABS	-
RGT BLANK CONC	0.0
STD CONC	*
FACTOR	-
STD ABS ALLOW	15%
NORMAL RANGE L	*
NORMAL RANGE H	*
ABS LIMIT (RATE)	-
TEMPERATURE	37C

*User defined, enter value of calibrators.

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

Rev. 1-03

Pointe Scientific, Inc.
Instrument Application

Analyzer: Hitachi 705
Test: INORG. PHOSPHORUS

READY TO USE LIQUID

TEST #	29
CODE	PHOS
ASSAY CODE	ENDPOINT
SAMPLE VOLUME	5
R1 VOLUME	400
R2 VOLUME	1-CHANNEL-NO
WAVELENGTH 1	376
WAVELENGTH 2	340
RGT BLANK ABS	-
RGT BLANK CONC	-
STD CONC	X-X-1*
FACTOR	-
STD ABS ALLOW	10%
NORMAL RANGE L	2.5
NORMAL RANGE H	4.8
ABS LIMIT (RATE)	-
TEMPERATURE	37C

*Use multi-purpose calibrator.

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

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Instrument Application

Analyzer: Hitachi 705
Test: TOTAL PROTEIN

READY TO USE LIQUID

TEST #	32
CODE	TP
ASSAY CODE	1
SAMPLE VOLUME	5
R1 VOLUME	350
R2 VOLUME	1-1**-NO
WAVELENGTH 1	660
WAVELENGTH 2	546
RGT BLANK ABS	-
RGT BLANK CONC	-
STD CONC	X-X-1*
FACTOR	-
STD ABS ALLOW	10%
NORMAL RANGE L	6.2
NORMAL RANGE H	8.5
ABS LIMIT (RATE)	-
TEMPERATURE	RT

*Use multi-purpose calibrator.

** Channel designation

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

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Instrument Application

Analyzer: Hitachi 705
Test: TRIGLYCERIDE-GPO

PREPARE REAGENT ACCORDING TO PACKAGE INSERT

TEST #	35
CODE	TRIG-GPO
ASSAY CODE	ENDPOINT
SAMPLE VOLUME	5
R1 VOLUME	500
R2 VOLUME	0
WAVELENGTH 1	600
WAVELENGTH 2	505
RGT BLANK ABS	0
RGT BLANK CONC	0
STD CONC	X-X-X*
FACTOR	0
STD ABS ALLOW	10%
NORMAL RANGE L	36
NORMAL RANGE H	165
ABS LIMIT (RATE)	0
TEMPERATURE	37C

*Use multi-purpose calibrator.

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Pointe Scientific, Inc.
Instrument Application

Analyzer: Hitachi 705
Test: URIC ACID

PREPARE REAGENT ACCORDING TO PACKAGE INSERT

TEST #	34
CODE	UA
ASSAY CODE	1
SAMPLE VOLUME	5
R1 VOLUME	400
R2 VOLUME	1-CHANNEL-NO
WAVELENGTH 1	600
WAVELENGTH 2	505
RGT BLANK ABS	-
RGT BLANK CONC	-
STD CONC	XX-XX*
FACTOR	0
STD ABS ALLOW	10%
NORMAL RANGE L	1.5
NORMAL RANGE H	7.0
ABS LIMIT (RATE)	-
TEMPERATURE	RT

*User defined

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Rev. 1-03

Pointe Scientific, Inc.
Instrument Application

Analyzer: Hitachi 705
Test:

TEST #
CODE
ASSAY CODE
SAMPLE VOLUME
R1 VOLUME
R2 VOLUME
WAVELENGTH 1
WAVELENGTH 2
RGT BLANK ABS
RGT BLANK CONC
STD CONC
FACTOR
STD ABS ALLOW
NORMAL RANGE L
NORMAL RANGE H
ABS LIMIT (RATE)
TEMPERATURE
