# Pointe Scientific, Inc.

Instrument Application

Analyzer: Hitachi 717
Test: Acid Phosphatase
Catalog # : HA703

CHEMISTRY PARAMETERS:

| | |
|---|---|
| TEST NAME | [ACP] |
| ASSAY CODE | [RATE-A]:[28]-[50] |
| SAMPLE VOLUME | [20] [5] |
| R1 VOLUME | [250] [20] [NO] |
| R2 VOLUME | |
| WAVELENGTH | [660] [415] |
| CALIBRATION | [K-FACTOR] [0] [0] |
| STD (1) CONC-POS | [0] [1] |
| STD (2) CONC-POS | |
| STD (3) CONC-POS | |
| STD (4) CONC-POS | |
| STD (5) CONC-POS | |
| STD (6) CONC-POS | |
| SD LIMIT | [0.1] |
| DUPLICATE LIMIT | [100] |
| SENSITIVITY LIMIT | [0] |
| ABS LIMIT (INC/DEC) | [7200] [INCREASE] |
| PROZONE LIMIT | [0] [LOWER] |
| EXPECTED VALUE | [*] [*] |
| PANIC VALUE | [*] [*] |
| INSTRUMENT FACTOR | [1.0] |

REAGENT PREPARATION

Prepare reagents according to package insert instructions.
Please consult the package insert for complete instructions on the use of this reagent.

PROCEDURAL NOTES

* Indicates user defined parameter.
** Input appropriate bottle size.
Set K-Factor to 1553

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

Hitachi 717™ is a Registered Trademark of Nissei Sangyo Co. Ltd., Japan.

Rev. 1-03

# Pointe Scientific, Inc.

Instrument Application

Analyzer: Hitachi 717
Test: Albumin
Catalog # : HA901

CHEMISTRY PARAMETERS:

| | |
|---|---|
| TEST NAME | [ALB] |
| ASSAY CODE | [1-POINT]:[8]-[0] |
| SAMPLE VOLUME | [3] [2] |
| R1 VOLUME | [350] [100] [NO] |
| R2 VOLUME | |
| WAVELENGTH | [700] [600] |
| CALIBRATION | [LINEAR] [0] [0] |
| STD (1) CONC-POS | [0.0] [1] |
| STD (2) CONC-POS | [*] [*] |
| STD (3) CONC-POS | |
| STD (4) CONC-POS | |
| STD (5) CONC-POS | |
| STD (6) CONC-POS | |
| SD LIMIT | [0.1] |
| DUPLICATE LIMIT | [200] |
| SENSITIVITY LIMIT | [1000] |
| ABS LIMIT (INC/DEC) | [0] [INCREASE] |
| PROZONE LIMIT | [0] [LOWER] |
| EXPECTED VALUE | [*] [*] |
| PANIC VALUE | [*] [*] |
| INSTRUMENT FACTOR | [1.0] |

REAGENT PREPARATION

Reagent is ready to use.
Please consult the package insert for complete instructions on the use of this reagent.

PROCEDURAL NOTES

* Indicates user defined parameter.
** Input appropriate bottle size.
Set K-Factor to 63

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

Hitachi 717™ is a Registered Trademark of Nissei Sangyo Co. Ltd., Japan.

Rev. 1-03

# Pointe Scientific, Inc.

Instrument Application

**Analyzer:** Hitachi 717
**Test:** Alkaline Phosphatase
**Catalog # :** HA916

CHEMISTRY PARAMETERS:

| | |
|---|---|
| TEST NAME | [ALP] |
| ASSAY CODE | [RATE-A]:[30]-[50] |
| SAMPLE VOLUME | [6] [3] |
| R1 VOLUME | [250] [100] [NO] |
| R2 VOLUME | [50] [**] [No] |
| WAVELENGTH | [660] [415] |
| CALIBRATION | [K-FACTOR] [0] [0] |
| STD (1) CONC-POS | [0] [1] |
| STD (2) CONC-POS | |
| STD (3) CONC-POS | |
| STD (4) CONC-POS | |
| STD (5) CONC-POS | |
| STD (6) CONC-POS | |
| SD LIMIT | [0.1] |
| DUPLICATE LIMIT | [100] |
| SENSITIVITY LIMIT | [0] |
| ABS LIMIT (INC/DEC) | [11000] [INCREASE] |
| PROZONE LIMIT | [0] [LOWER] |
| EXPECTED VALUE | [*] [*] |
| PANIC VALUE | [*] [*] |
| INSTRUMENT FACTOR | [1.0] |

REAGENT PREPARATION

Reagent is ready to use.
Please consult the package insert for complete instructions on the use of this reagent.

PROCEDURAL NOTES

* Indicates user defined parameter.
** Input appropriate bottle size.
Set K-Factor to 2935. Adjust if necessary

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

Hitachi 717™ is a Registered Trademark of Nissei Sangyo Co. Ltd., Japan.

Rev. 1-03

# Pointe Scientific, Inc.

Instrument Application

**Analyzer:** Hitachi 717
**Test:** ALT
**Catalog # :** HA926

CHEMISTRY PARAMETERS:

| | |
|---|---|
| TEST NAME | [ALT] |
| ASSAY CODE | [RATE-A]:[30]-[50] |
| SAMPLE VOLUME | [10] [5] |
| R1 VOLUME | [250] [100] [NO] |
| R2 VOLUME | [50] [50] [No] |
| WAVELENGTH | [700] [340] |
| CALIBRATION | [K-FACTOR] [0] [0] |
| STD (1) CONC-POS | [0] [1] |
| STD (2) CONC-POS | |
| STD (3) CONC-POS | |
| STD (4) CONC-POS | |
| STD (5) CONC-POS | |
| STD (6) CONC-POS | |
| SD LIMIT | [0.1] |
| DUPLICATE LIMIT | [100] |
| SENSITIVITY LIMIT | [0] |
| ABS LIMIT (INC/DEC) | [5500] [DECREASE] |
| PROZONE LIMIT | [0] [LOWER] |
| EXPECTED VALUE | [*] [*] |
| PANIC VALUE | [*] [*] |
| INSTRUMENT FACTOR | [1.0] |

REAGENT PREPARATION

Reagent is ready to use.
Please consult the package insert for complete instructions on the use of this reagent.

PROCEDURAL NOTES

* Indicates user defined parameter.
** Input appropriate bottle size.
Set K-Factor to -5354. Adjust if necessary

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

Hitachi 717™ is a Registered Trademark of Nissei Sangyo Co. Ltd., Japan.

Rev. 1-03

# Pointe Scientific, Inc.

Instrument Application

**Analyzer:** Hitachi 717
**Test:** Amylase
**Catalog # :** HA965

CHEMISTRY PARAMETERS:

| | |
|---|---|
| TEST NAME | [AMY] |
| ASSAY CODE | [RATE-A]:[40]-[50] |
| SAMPLE VOLUME | [10] [2] |
| R1 VOLUME | [250] [20] [NO] |
| R2 VOLUME | [50] [20] [No] |
| WAVELENGTH | [700] [415] |
| CALIBRATION | [K-FACTOR] [0] [0] |
| STD (1) CONC-POS | [0] [1] |
| STD (2) CONC-POS | |
| STD (3) CONC-POS | |
| STD (4) CONC-POS | |
| STD (5) CONC-POS | |
| STD (6) CONC-POS | |
| SD LIMIT | [0.1] |
| DUPLICATE LIMIT | [100] |
| SENSITIVITY LIMIT | [0] |
| ABS LIMIT (INC/DEC) | [20000] [INCREASE] |
| PROZONE LIMIT | [0] [LOWER] |
| EXPECTED VALUE | [*] [*] |
| PANIC VALUE | [*] [*] |
| INSTRUMENT FACTOR | [1.0] |

REAGENT PREPARATION

Reagent is ready to use.
Please consult the package insert for complete instructions on the use of this reagent.

PROCEDURAL NOTES

* Indicates user defined parameter.
** Input appropriate bottle size.
Set K-Factor to 3887. Adjust if necessary

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

Hitachi 717™ is a Registered Trademark of Nissei Sangyo Co. Ltd., Japan.

Rev. 1-03

# Pointe Scientific, Inc.

Instrument Application

**Analyzer:** Hitachi 717
**Test:** Apolipoprotein A1
**Catalog # :** A7544

CHEMISTRY PARAMETERS:

| | |
|---|---|
| TEST NAME | [APOA1] |
| ASSAY CODE | [2-POINT]:[23]-[50] |
| SAMPLE VOLUME | [3] [2] |
| R1 VOLUME | [300] [100] [NO] |
| R2 VOLUME | [75] [20] [No] |
| WAVELENGTH | [700] [340] |
| CALIBRATION | [NONLINEAR] [1] [5] |
| STD (1) CONC-POS | [0] [1] |
| STD (2) CONC-POS | [*] [*] |
| STD (3) CONC-POS | [*] [*] |
| STD (4) CONC-POS | [*] [*] |
| STD (5) CONC-POS | [*] [*] |
| STD (6) CONC-POS | |
| SD LIMIT | [300] |
| DUPLICATE LIMIT | [500] |
| SENSITIVITY LIMIT | [0] |
| ABS LIMIT (INC/DEC) | [32000] [INCREASE] |
| PROZONE LIMIT | [0] [LOWER] |
| EXPECTED VALUE | [*] [*] |
| PANIC VALUE | [*] [*] |
| INSTRUMENT FACTOR | [1.0] |

REAGENT PREPARATION

Reagents provided as ready to use Liquids.
Please consult the package insert for complete instructions on the use of this reagent.

PROCEDURAL NOTES

* Indicates user defined parameter.

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

Hitachi 717™ is a Registered Trademark of Nissei Sangyo Co. Ltd., Japan.

Rev. 1-03

# Pointe Scientific, Inc.

Instrument Application

**Analyzer:** Hitachi 717
**Test:** Apolipoprotein B
**Catalog # :** A7588

CHEMISTRY PARAMETERS:

| | |
|---|---|
| TEST NAME | [APOB] |
| ASSAY CODE | [2-POINT]:[23]-[50] |
| SAMPLE VOLUME | [3] [2] |
| R1 VOLUME | [300] [100] [NO] |
| R2 VOLUME | [75] [20] [No] |
| WAVELENGTH | [700] [340] |
| CALIBRATION | [NONLINEAR] [1] [5] |
| STD (1) CONC-POS | [0] [1] |
| STD (2) CONC-POS | [*] [*] |
| STD (3) CONC-POS | [*] [*] |
| STD (4) CONC-POS | [*] [*] |
| STD (5) CONC-POS | [*] [*] |
| STD (6) CONC-POS | |
| SD LIMIT | [500] |
| DUPLICATE LIMIT | [500] |
| SENSITIVITY LIMIT | [0] |
| ABS LIMIT (INC/DEC) | [32000] [INCREASE] |
| PROZONE LIMIT | [0] [LOWER] |
| EXPECTED VALUE | [*] [*] |
| PANIC VALUE | [*] [*] |
| INSTRUMENT FACTOR | [1.0] |

REAGENT PREPARATION

Reagents provided as ready to use Liquids.
Please consult the package insert for complete instructions on the use of this reagent.

PROCEDURAL NOTES

* Indicates user defined parameter.

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

Hitachi 717™ is a Registered Trademark of Nissei Sangyo Co. Ltd., Japan.

Rev. 1-03

# Pointe Scientific, Inc.

Instrument Application

Analyzer: Hitachi 717
Test: ASO
Catalog # : A7566

CHEMISTRY PARAMETERS:

| | |
|---|---|
| TEST NAME | [ASO] |
| ASSAY CODE | [2-POINT]:[24]-[50] |
| SAMPLE VOLUME | [15] [15] |
| R1 VOLUME | [250] [20] [NO] |
| R2 VOLUME | [50] [20] [No] |
| WAVELENGTH | [700] [340] |
| CALIBRATION | [NONLINEAR] [4] [6] |
| STD (1) CONC-POS | [0] [1] |
| STD (2) CONC-POS | [*] [*] |
| STD (3) CONC-POS | |
| STD (4) CONC-POS | |
| STD (5) CONC-POS | |
| STD (6) CONC-POS | |
| SD LIMIT | [999] |
| DUPLICATE LIMIT | [10000] |
| SENSITIVITY LIMIT | [0] |
| ABS LIMIT (INC/DEC) | [32000] [INCREASE] |
| PROZONE LIMIT | [-32000] [LOWER] |
| EXPECTED VALUE | [*] [*] |
| PANIC VALUE | [*] [*] |
| INSTRUMENT FACTOR | [1.0] |

REAGENT PREPARATION

Prepare reagents according to package insert instructions.
Please consult the package insert for complete instructions on the use of this reagent.

PROCEDURAL NOTES

* Indicates user defined parameter.
** Input appropriate bottle size.

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

Hitachi 717™ is a Registered Trademark of Nissei Sangyo Co. Ltd., Japan.

Rev. 1-03

# Pointe Scientific, Inc.

Instrument Application

**Analyzer:** Hitachi 717
**Test:** AST
**Catalog # :** HA961

CHEMISTRY PARAMETERS:

| | |
|---|---|
| TEST NAME | [AST] |
| ASSAY CODE | [RATE-A]:[30]-[50] |
| SAMPLE VOLUME | [10] [5] |
| R1 VOLUME | [250] [100] [NO] |
| R2 VOLUME | [50] [50] [No] |
| WAVELENGTH | [700] [340] |
| CALIBRATION | [K-FACTOR] [0] [0] |
| STD (1) CONC-POS | [0] [1] |
| STD (2) CONC-POS | |
| STD (3) CONC-POS | |
| STD (4) CONC-POS | |
| STD (5) CONC-POS | |
| STD (6) CONC-POS | |
| SD LIMIT | [0.1] |
| DUPLICATE LIMIT | [100] |
| SENSITIVITY LIMIT | [0] |
| ABS LIMIT (INC/DEC) | [5500] [DECREASE] |
| PROZONE LIMIT | [0] [LOWER] |
| EXPECTED VALUE | [*] [*] |
| PANIC VALUE | [*] [*] |
| INSTRUMENT FACTOR | [1.0] |

REAGENT PREPARATION

Reagent is ready to use.
Please consult the package insert for complete instructions on the use of this reagent.

PROCEDURAL NOTES

* Indicates user defined parameter.
** Input appropriate bottle size.
Set K-Factor to -5288. Adjust if necessary

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

Hitachi 717™ is a Registered Trademark of Nissei Sangyo Co. Ltd., Japan.

Rev. 1-03

# Pointe Scientific, Inc.

Instrument Application

Analyzer: Hitachi 717
Test: Direct Bilirubin
Catalog # : HB936

CHEMISTRY PARAMETERS:

| | |
|---|---|
| TEST NAME | [DBIL] |
| ASSAY CODE | [2-POINT]:[24]-[30] |
| SAMPLE VOLUME | [6] [3] |
| R1 VOLUME | [250] [50] [NO] |
| R2 VOLUME | [65] [20] [No] |
| WAVELENGTH | [660] [546] |
| CALIBRATION | [LINEAR] [0] [0] |
| STD (1) CONC-POS | [0.00] [1] |
| STD (2) CONC-POS | [*] [*] |
| STD (3) CONC-POS | |
| STD (4) CONC-POS | |
| STD (5) CONC-POS | |
| STD (6) CONC-POS | |
| SD LIMIT | [0.1] |
| DUPLICATE LIMIT | [200] |
| SENSITIVITY LIMIT | [0] |
| ABS LIMIT (INC/DEC) | [0] [INCREASE] |
| PROZONE LIMIT | [32000] [UPPER] |
| EXPECTED VALUE | [*] [*] |
| PANIC VALUE | [*] [*] |
| INSTRUMENT FACTOR | [1.0] |

REAGENT PREPARATION

Reagent is ready to use.
Please consult the package insert for complete instructions on the use of this reagent.

PROCEDURAL NOTES

* Indicates user defined parameter.
** Input appropriate bottle size.

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

Hitachi 717™ is a Registered Trademark of Nissei Sangyo Co. Ltd., Japan.

Rev. 1-03

# Pointe Scientific, Inc.

Instrument Application

Analyzer: Hitachi 717
Test: Total Bilirubin
Catalog # : HB979

CHEMISTRY PARAMETERS:

| | |
|---|---|
| TEST NAME | [TBIL] |
| ASSAY CODE | [2-POINT]:[24]-[50] |
| SAMPLE VOLUME | [4] [2] |
| R1 VOLUME | [250] [100] [No] |
| R2 VOLUME | [65] [20] [No] |
| WAVELENGTH | [600] [546] |
| CALIBRATION | [LINEAR] [0] [0] |
| STD (1) CONC-POS | [0.0] [1] |
| STD (2) CONC-POS | [*] [*] |
| STD (3) CONC-POS | |
| STD (4) CONC-POS | |
| STD (5) CONC-POS | |
| STD (6) CONC-POS | |
| SD LIMIT | [0.1] |
| DUPLICATE LIMIT | [30] |
| SENSITIVITY LIMIT | [0] |
| ABS LIMIT (INC/DEC) | [0] [INCREASE] |
| PROZONE LIMIT | [32000] [UPPER] |
| EXPECTED VALUE | [*] [*] |
| PANIC VALUE | [*] [*] |
| INSTRUMENT FACTOR | [1.0] |

REAGENT PREPARATION

Reagent is ready to use.
Please consult the package insert for complete instructions on the use of this reagent.

PROCEDURAL NOTES

* Indicates user defined parameter.
** Input appropriate bottle size.
Set K-Factor to 1440

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

Hitachi 717™ is a Registered Trademark of Nissei Sangyo Co. Ltd., Japan.

Rev. 1-03

# Pointe Scientific, Inc.

Instrument Application

Analyzer: Hitachi 717
Test: BUN
Catalog # : HB952

CHEMISTRY PARAMETERS:

| | |
|---|---|
| TEST NAME | [UN] |
| ASSAY CODE | [2-POINT]:[28]-[35] |
| SAMPLE VOLUME | [3] [2] |
| R1 VOLUME | [300] [100] [NO] |
| R2 VOLUME | [60] [50] [No] |
| WAVELENGTH | [376] [340] |
| CALIBRATION | [LINEAR] [0] [0] |
| STD (1) CONC-POS | [0] [1] |
| STD (2) CONC-POS | [*] [*] |
| STD (3) CONC-POS | |
| STD (4) CONC-POS | |
| STD (5) CONC-POS | |
| STD (6) CONC-POS | |
| SD LIMIT | [0.1] |
| DUPLICATE LIMIT | [100] |
| SENSITIVITY LIMIT | [0] |
| ABS LIMIT (INC/DEC) | [7000] [DECREASE] |
| PROZONE LIMIT | [0] [LOWER] |
| EXPECTED VALUE | [*] [*] |
| PANIC VALUE | [*] [*] |
| INSTRUMENT FACTOR | [1.0] |

REAGENT PREPARATION

Reagent is ready to use.
Please consult the package insert for complete instructions on the use of this reagent.

PROCEDURAL NOTES

* Indicates user defined parameter.
** Input appropriate bottle size.
Set K-Factor to -724

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

Hitachi 717™ is a Registered Trademark of Nissei Sangyo Co. Ltd., Japan.

Rev. 1-03

# Pointe Scientific, Inc.

Instrument Application

**Analyzer:** Hitachi 717
**Test:** Beta Hydroxybutyrate
**Catalog # :** H7587

CHEMISTRY PARAMETERS:

| | |
|---|---|
| TEST NAME | BHY |
| ASSAY CODE | [2-POINT]:[24]-[50] |
| SAMPLE VOLUME | [8] [4] |
| R1 VOLUME | [300] [20] [NO] |
| R2 VOLUME | [50] [20] [No] |
| WAVELENGTH | [ ] [505] |
| CALIBRATION | [LINEAR] [0] [0] |
| STD (1) CONC-POS | [0] [1] |
| STD (2) CONC-POS | [*] [*] |
| STD (3) CONC-POS | |
| STD (4) CONC-POS | |
| STD (5) CONC-POS | |
| STD (6) CONC-POS | |
| SD LIMIT | [0.1] |
| DUPLICATE LIMIT | [100] |
| SENSITIVITY LIMIT | [0] |
| ABS LIMIT (INC/DEC) | [0] [INCREASE] |
| PROZONE LIMIT | [0] [LOWER] |
| EXPECTED VALUE | [*] [*] |
| PANIC VALUE | [*] [*] |
| INSTRUMENT FACTOR | [1.0] |

REAGENT PREPARATION

Reagent is ready to use.
Please consult the package insert for complete instructions on the use of this reagent.

PROCEDURAL NOTES

* Indicates user defined parameter.
** Input appropriate bottle size.

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

Hitachi 717™ is a Registered Trademark of Nissei Sangyo Co. Ltd., Japan.

Rev. 1-03

# Pointe Scientific, Inc.

Instrument Application

**Analyzer:** Hitachi 717
**Test:** Calcium (CPC)
**Catalog # :** HC902

CHEMISTRY PARAMETERS:

| | |
|---|---|
| TEST NAME | [CA] |
| ASSAY CODE | [2-POINT]:[24]-[50] |
| SAMPLE VOLUME | [10] [5] |
| R1 VOLUME | [250] [100] [NO] |
| R2 VOLUME | [100] [100] [No] |
| WAVELENGTH | [700] [600] |
| CALIBRATION | [LINEAR] [0] [0] |
| STD (1) CONC-POS | [0.0] [1] |
| STD (2) CONC-POS | [*] [*] |
| STD (3) CONC-POS | |
| STD (4) CONC-POS | |
| STD (5) CONC-POS | |
| STD (6) CONC-POS | |
| SD LIMIT | [0.1] |
| DUPLICATE LIMIT | [150] |
| SENSITIVITY LIMIT | [1200] |
| ABS LIMIT (INC/DEC) | [0] [INCREASE] |
| PROZONE LIMIT | [32000] [UPPER] |
| EXPECTED VALUE | [*] [*] |
| PANIC VALUE | [*] [*] |
| INSTRUMENT FACTOR | [1.0] |

REAGENT PREPARATION

Reagent is ready to use.
Please consult the package insert for complete instructions on the use of this reagent.

PROCEDURAL NOTES

* Indicates user defined parameter.
** Input appropriate bottle size.
Set K-Factor to 330

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

Hitachi 717™ is a Registered Trademark of Nissei Sangyo Co. Ltd., Japan.

Rev. 1-03

# Pointe Scientific, Inc.

Instrument Application

**Analyzer:** Hitachi 717
**Test:** Carbon Dioxide
**Catalog # :** HC704

CHEMISTRY PARAMETERS:

| | |
|---|---|
| TEST NAME | [CO2] |
| ASSAY CODE | [2-POINT]:[3]-[6] |
| SAMPLE VOLUME | [3] [2] |
| R1 VOLUME | [300] [20] [NO] |
| R2 VOLUME | |
| WAVELENGTH | [376] [340] |
| CALIBRATION | [LINEAR] [0] [0] |
| STD (1) CONC-POS | [0] [1] |
| STD (2) CONC-POS | [*] [*] |
| STD (3) CONC-POS | |
| STD (4) CONC-POS | |
| STD (5) CONC-POS | |
| STD (6) CONC-POS | |
| SD LIMIT | [0.1] |
| DUPLICATE LIMIT | [200] |
| SENSITIVITY LIMIT | [0] |
| ABS LIMIT (INC/DEC) | [0] [DECREASE] |
| PROZONE LIMIT | [0] [LOWER] |
| EXPECTED VALUE | [*] [*] |
| PANIC VALUE | [*] [*] |
| INSTRUMENT FACTOR | [1.0] |

REAGENT PREPARATION

Mix R1 and R2 together prior to use.
Please consult the package insert for complete instructions on the use of this reagent.

PROCEDURAL NOTES

* Indicates user defined parameter.
** Input appropriate bottle size.
Set K-Factor to -163

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

Hitachi 717™ is a Registered Trademark of Nissei Sangyo Co. Ltd., Japan.

Rev. 1-03

# Pointe Scientific, Inc.

Instrument Application

Analyzer: Hitachi 717
Test: Cholesterol
Catalog # : HC910

CHEMISTRY PARAMETERS:

| | |
|---|---|
| TEST NAME | [CHOL] |
| ASSAY CODE | [1-POINT]:[24]-[0] |
| SAMPLE VOLUME | [3] [2] |
| R1 VOLUME | [250] [100] [NO] |
| R2 VOLUME | |
| WAVELENGTH | [700] [505] |
| CALIBRATION | [LINEAR] [0] [0] |
| STD (1) CONC-POS | [0] [1] |
| STD (2) CONC-POS | [*] [*] |
| STD (3) CONC-POS | |
| STD (4) CONC-POS | |
| STD (5) CONC-POS | |
| STD (6) CONC-POS | |
| SD LIMIT | [0.1] |
| DUPLICATE LIMIT | [200] |
| SENSITIVITY LIMIT | [1500] |
| ABS LIMIT (INC/DEC) | [0] [INCREASE] |
| PROZONE LIMIT | [0] [LOWER] |
| EXPECTED VALUE | [*] [*] |
| PANIC VALUE | [*] [*] |
| INSTRUMENT FACTOR | [1.0] |

REAGENT PREPARATION

Reagent is ready to use.
Please consult the package insert for complete instructions on the use of this reagent.

PROCEDURAL NOTES

* Indicates user defined parameter.
** Input appropriate bottle size.
Set K-Factor to 500

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

Hitachi 717™ is a Registered Trademark of Nissei Sangyo Co. Ltd., Japan.

Rev. 1-03

# Pointe Scientific, Inc.

Instrument Application

**Analyzer:** Hitachi 717
**Test:** CRP (HS)
**Catalog # :** C7564-40

CHEMISTRY PARAMETERS:

| | |
|---|---|
| TEST NAME | [CRP] |
| ASSAY CODE | [2-POINT]:[28]-[43] |
| SAMPLE VOLUME | [15] [6] |
| R1 VOLUME | [150] [20] [NO] |
| R2 VOLUME | [100] [20] [No] |
| WAVELENGTH | [800] [570] |
| CALIBRATION | [NONLINEAR] [4] [6] |
| STD (1) CONC-POS | [0.00] [1] |
| STD (2) CONC-POS | [0.05] [*] |
| STD (3) CONC-POS | [0.15] [*] |
| STD (4) CONC-POS | [0.50] [*] |
| STD (5) CONC-POS | [0.75] [*] |
| STD (6) CONC-POS | [1.0] [*] |
| SD LIMIT | [999] |
| DUPLICATE LIMIT | [10000] |
| SENSITIVITY LIMIT | [0] |
| ABS LIMIT (INC/DEC) | [32000] [INCREASE] |
| PROZONE LIMIT | [-32000] [LOWER] |
| EXPECTED VALUE | [*] [*] |
| PANIC VALUE | [*] [*] |
| INSTRUMENT FACTOR | [1.0] |

REAGENT PREPARATION

Reagent is ready to use.
Please consult the package insert for complete instructions on the use of this reagent.

PROCEDURAL NOTES

* Indicates user defined parameter.
** Input appropriate bottle size.

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

Hitachi 717™ is a Registered Trademark of Nissei Sangyo Co. Ltd., Japan.

Rev. 1-03

# Pointe Scientific, Inc.

Instrument Application

Analyzer: Hitachi 717

Test: CRP (HS) Wide Range

Catalog # : C7568

CHEMISTRY PARAMETERS:

| | |
|---|---|
| TEST NAME | [CRP]] |
| ASSAY CODE | [2-POINT]:[28]-[50] |
| SAMPLE VOLUME | [3] [2] |
| R1 VOLUME | [125] [20] [NO] |
| R2 VOLUME | [125] [20] [No] |
| WAVELENGTH | [800] [570] |
| CALIBRATION | [NONLINEAR] [4] [6] |
| STD (1) CONC-POS | [0.0] [1] |
| STD (2) CONC-POS | [5.0] [*] |
| STD (3) CONC-POS | [20.0] [*] |
| STD (4) CONC-POS | [40.0] [*] |
| STD (5) CONC-POS | [160.0] [*] |
| STD (6) CONC-POS | [320.0] [*] |
| SD LIMIT | [999] |
| DUPLICATE LIMIT | [10000] |
| SENSITIVITY LIMIT | [0] |
| ABS LIMIT (INC/DEC) | [32000] [INCREASE] |
| PROZONE LIMIT | [-32000] [LOWER] |
| EXPECTED VALUE | [*] [*] |
| PANIC VALUE | [*] [*] |
| INSTRUMENT FACTOR | [1.0] |

REAGENT PREPARATION

Reagent is ready to use.

Please consult the package insert for complete instructions on the use of this reagent.

PROCEDURAL NOTES

* Indicates user defined parameter.

** Input appropriate bottle size.

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

Hitachi 717™ is a Registered Trademark of Nissei Sangyo Co. Ltd., Japan.

Rev. 3/04

# Pointe Scientific, Inc.

Instrument Application

**Analyzer:** Hitachi 717
**Test:** Creatinine
**Catalog # :** HC939

CHEMISTRY PARAMETERS:

| | |
|---|---|
| TEST NAME | [CRE] |
| ASSAY CODE | [2-POINT]:[30]-[50] |
| SAMPLE VOLUME | [10] [5] |
| R1 VOLUME | [250] [100] [NO] |
| R2 VOLUME | [50] [100] [No] |
| WAVELENGTH | [570] [505] |
| CALIBRATION | [LINEAR] [0] [0] |
| STD (1) CONC-POS | [0.0] [1] |
| STD (2) CONC-POS | [*] [*] |
| STD (3) CONC-POS | |
| STD (4) CONC-POS | |
| STD (5) CONC-POS | |
| STD (6) CONC-POS | |
| SD LIMIT | [0.1] |
| DUPLICATE LIMIT | [10] |
| SENSITIVITY LIMIT | [0] |
| ABS LIMIT (INC/DEC) | [4500] [INCREASE] |
| PROZONE LIMIT | [0] [LOWER] |
| EXPECTED VALUE | [*] [*] |
| PANIC VALUE | [*] [*] |
| INSTRUMENT FACTOR | [1.0] |

REAGENT PREPARATION

Reagent is ready to use.
Please consult the package insert for complete instructions on the use of this reagent.

PROCEDURAL NOTES

* Indicates user defined parameter.
** Input appropriate bottle size.
Set K-Factor to 747

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

Hitachi 717™ is a Registered Trademark of Nissei Sangyo Co. Ltd., Japan.

Rev. 1-03

# Pointe Scientific, Inc.

Instrument Application

**Analyzer:** Hitachi 717
**Test:** Creatine Kinase
**Catalog # :** HC922

CHEMISTRY PARAMETERS:

| | |
|---|---|
| TEST NAME | [CK] |
| ASSAY CODE | [RATE-A]:[35]-[50] |
| SAMPLE VOLUME | [7] [3] |
| R1 VOLUME | [250] [100] [NO] |
| R2 VOLUME | [50] [20] [No] |
| WAVELENGTH | [376] [340] |
| CALIBRATION | [K-FACTOR] [0] [0] |
| STD (1) CONC-POS | [0] [1] |
| STD (2) CONC-POS | |
| STD (3) CONC-POS | |
| STD (4) CONC-POS | |
| STD (5) CONC-POS | |
| STD (6) CONC-POS | |
| SD LIMIT | [0.1] |
| DUPLICATE LIMIT | [100] |
| SENSITIVITY LIMIT | [0] |
| ABS LIMIT (INC/DEC) | [13000] [INCREASE] |
| PROZONE LIMIT | [0] [LOWER] |
| EXPECTED VALUE | [*] [*] |
| PANIC VALUE | [*] [*] |
| INSTRUMENT FACTOR | [1.0] |

REAGENT PREPARATION

Reagent is ready to use.
Please consult the package insert for complete instructions on the use of this reagent.

PROCEDURAL NOTES

* Indicates user defined parameter.
** Input appropriate bottle size.
Set K-Factor to 8306. Adjust if necessary.

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

Hitachi 717™ is a Registered Trademark of Nissei Sangyo Co. Ltd., Japan.

Rev. 1-03

# Pointe Scientific, Inc.

Instrument Application

**Analyzer:** Hitachi 717
**Test:** Creatine Kinase MB
**Catalog # :** C7562

CHEMISTRY PARAMETERS:

| | |
|---|---|
| TEST NAME | [CK-MB] |
| ASSAY CODE | [RATE-A]:[35]-[50] |
| SAMPLE VOLUME | [14] [7] |
| R1 VOLUME | [300] [100] [NO] |
| R2 VOLUME | [ ] [20] [No] |
| WAVELENGTH | [376] [340] |
| CALIBRATION | [K-FACTOR] [0] [0] |
| STD (1) CONC-POS | [0] [1] |
| STD (2) CONC-POS | |
| STD (3) CONC-POS | |
| STD (4) CONC-POS | |
| STD (5) CONC-POS | |
| STD (6) CONC-POS | |
| SD LIMIT | [0.1] |
| DUPLICATE LIMIT | [100] |
| SENSITIVITY LIMIT | [0] |
| ABS LIMIT (INC/DEC) | [13000] [INCREASE] |
| PROZONE LIMIT | [0] [LOWER] |
| EXPECTED VALUE | [*] [*] |
| PANIC VALUE | [*] [*] |
| INSTRUMENT FACTOR | [1.0] |

REAGENT PREPARATION

Reagent is ready to use.
Please consult the package insert for complete instructions on the use of this reagent.

PROCEDURAL NOTES

* Indicates user defined parameter.
** Input appropriate bottle size.
Set K-Factor to 8306. Adjust if necessary.
NON-VALIDATED APPLICATION

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

Hitachi 717™ is a Registered Trademark of Nissei Sangyo Co. Ltd., Japan.

Rev. 1-03

# Pointe Scientific, Inc.

Instrument Application

Analyzer: Hitachi 717
Test: Fructosamine
Catalog # : F7546

CHEMISTRY PARAMETERS:

| | |
|---|---|
| TEST NAME | [FRUC] |
| ASSAY CODE | [2-POINT]:[45]-[50] |
| SAMPLE VOLUME | [20] [7] |
| R1 VOLUME | [250] [**] [NO] |
| R2 VOLUME | |
| WAVELENGTH | [700] [546] |
| CALIBRATION | [LINEAR] [0] [0] |
| STD (1) CONC-POS | [0.00] [1] |
| STD (2) CONC-POS | [*] [*] |
| STD (3) CONC-POS | |
| STD (4) CONC-POS | |
| STD (5) CONC-POS | |
| STD (6) CONC-POS | |
| SD LIMIT | [0.1] |
| DUPLICATE LIMIT | [500] |
| SENSITIVITY LIMIT | [0] |
| ABS LIMIT (INC/DEC) | [0] [INCREASE] |
| PROZONE LIMIT | [32000] [UPPER] |
| EXPECTED VALUE | [*] [*] |
| PANIC VALUE | [*] [*] |
| INSTRUMENT FACTOR | [1.0] |

REAGENT PREPARATION

Prepare reagents according to package insert instructions.
Please consult the package insert for complete instructions on the use of this reagent.

PROCEDURAL NOTES

* Indicates user defined parameter.
** Input appropriate bottle size.

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

Hitachi 717™ is a Registered Trademark of Nissei Sangyo Co. Ltd., Japan.

Rev. 1-03

# Pointe Scientific, Inc.

Instrument Application

Analyzer: Hitachi 717
Test: G-6-PD
Catalog # : G7583

CHEMISTRY PARAMETERS:

| | |
|---|---|
| TEST NAME | G6PD |
| ASSAY CODE | [RATE-A]:[15]-[35] |
| SAMPLE VOLUME | [12] [12] |
| R1 VOLUME | [350] [20] [No] |
| R2 VOLUME | |
| WAVELENGTH | [376] [340] |
| CALIBRATION | [K-FACTOR] [0] [0] |
| STD (1) CONC-POS | [0] [1] |
| STD (2) CONC-POS | |
| STD (3) CONC-POS | |
| STD (4) CONC-POS | |
| STD (5) CONC-POS | |
| STD (6) CONC-POS | |
| SD LIMIT | [999] |
| DUPLICATE LIMIT | [10000] |
| SENSITIVITY LIMIT | [0] |
| ABS LIMIT (INC/DEC) | [32000] [INCREASE] |
| PROZONE LIMIT | [0] [LOWER] |
| EXPECTED VALUE | [*] [*] |
| PANIC VALUE | [*] [*] |
| INSTRUMENT FACTOR | [1.0] |

REAGENT PREPARATION

Prepare reagent by reconstituting 6.0 ml vial with 6.0 mls DH2O. Let dissolve and then add 12 mls R2 reagent to the same vial. This will be the working reagent.
Please consult the package insert for complete instructions on the use of this reagent.

PROCEDURAL NOTES

Prepare samples by mixing 100ul whole blood with 0.9 mls lyse. Let sit 5 minutes. Mix well.
Set K-Factor to 98377

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

Hitachi 717™ is a Registered Trademark of Nissei Sangyo Co. Ltd., Japan.

Rev. 1-03

# Pointe Scientific, Inc.

Instrument Application

**Analyzer:** Hitachi 717
**Test:** GGT
**Catalog # :** HG959

CHEMISTRY PARAMETERS:

| | |
|---|---|
| TEST NAME | [GGT] |
| ASSAY CODE | [RATE-A]:[30]-[35] |
| SAMPLE VOLUME | [7] [2] |
| R1 VOLUME | [250] [50] [NO] |
| R2 VOLUME | [100] [50] [No] |
| WAVELENGTH | [700] [415] |
| CALIBRATION | [K-FACTOR] [0] [0] |
| STD (1) CONC-POS | [0] [1] |
| STD (2) CONC-POS | |
| STD (3) CONC-POS | |
| STD (4) CONC-POS | |
| STD (5) CONC-POS | |
| STD (6) CONC-POS | |
| SD LIMIT | [0.1] |
| DUPLICATE LIMIT | [100] |
| SENSITIVITY LIMIT | [0] |
| ABS LIMIT (INC/DEC) | [5500] [INCREASE] |
| PROZONE LIMIT | [0] [LOWER] |
| EXPECTED VALUE | [*] [*] |
| PANIC VALUE | [*] [*] |
| INSTRUMENT FACTOR | [1.0] |

REAGENT PREPARATION

Reagent is ready to use.
Please consult the package insert for complete instructions on the use of this reagent.

PROCEDURAL NOTES

* Indicates user defined parameter.
** Input appropriate bottle size.
Set K-Factor to 8140. Adjust if necessary.

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

Hitachi 717™ is a Registered Trademark of Nissei Sangyo Co. Ltd., Japan.

Rev. 1-03

# Pointe Scientific, Inc.

Instrument Application

**Analyzer:** Hitachi 717
**Test:** Glucose (Hexokinase)
**Catalog # :** HG920

CHEMISTRY PARAMETERS:

| | |
|---|---|
| TEST NAME | [GLU] |
| ASSAY CODE | [2-POINT]:[24]-[50] |
| SAMPLE VOLUME | [3] [2] |
| R1 VOLUME | [250] [100] [NO] |
| R2 VOLUME | [50] [20] [No] |
| WAVELENGTH | [376] [340] |
| CALIBRATION | [LINEAR] [0] [0] |
| STD (1) CONC-POS | [0] [1] |
| STD (2) CONC-POS | [*] [*] |
| STD (3) CONC-POS | |
| STD (4) CONC-POS | |
| STD (5) CONC-POS | |
| STD (6) CONC-POS | |
| SD LIMIT | [0.1] |
| DUPLICATE LIMIT | [200] |
| SENSITIVITY LIMIT | [0] |
| ABS LIMIT (INC/DEC) | [20000] [INCREASE] |
| PROZONE LIMIT | [0] [LOWER] |
| EXPECTED VALUE | [*] [*] |
| PANIC VALUE | [*] [*] |
| INSTRUMENT FACTOR | [1.0] |

REAGENT PREPARATION

Reagent is ready to use.
Please consult the package insert for complete instructions on the use of this reagent.

PROCEDURAL NOTES

* Indicates user defined parameter.
** Input appropriate bottle size.
Set K-Factor to 450

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

Hitachi 717™ is a Registered Trademark of Nissei Sangyo Co. Ltd., Japan.

Rev. 1-03

# Pointe Scientific, Inc.

Instrument Application

Analyzer: Hitachi 717

Test: Hemoglobin A1c

Catalog # : H7541

CHEMISTRY PARAMETERS:

| | |
|---|---|
| TEST NAME | [HbA1c]] |
| ASSAY CODE | [1-POINT]:[50]-[0] |
| SAMPLE VOLUME | [5] [3] |
| R1 VOLUME | [180] [20] [NO] |
| R2 VOLUME | [60] [20] [No] |
| WAVELENGTH | [ ] [660] |
| CALIBRATION | [NONLINEAR] [4] [5] |
| STD (1) CONC-POS | [0.0] [1] |
| STD (2) CONC-POS | [*] [2] |
| STD (3) CONC-POS | [*] [3] |
| STD (4) CONC-POS | [*] [4] |
| STD (5) CONC-POS | [*] [5] |
| STD (6) CONC-POS | |
| SD LIMIT | [999] |
| DUPLICATE LIMIT | [1000] |
| SENSITIVITY LIMIT | [0] |
| ABS LIMIT (INC/DEC) | [32000] [INCREASE] |
| PROZONE LIMIT | [0] [LOWER] |
| EXPECTED VALUE | [*] [*] |
| PANIC VALUE | [-] [-] |
| INSTRUMENT FACTOR | [1.0] |

REAGENT PREPARATION

Reagent is ready to use.

Please consult the package insert for complete instructions on the use of this reagent.

PROCEDURAL NOTES

* Indicates user defined parameter.

Set K-Factor to 4200

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

Hitachi 717™ is a Registered Trademark of Nissei Sangyo Co. Ltd., Japan.

Rev. 8-03

Distributed in Mexico:

MYM Laboratory Supply
California,(619)425-7026

Grupo MOSCARO, S.A. de C.V.
Mexico, D.F. (Ask MYM)

# Pointe Scientific, Inc.

Instrument Application

**Analyzer:** Hitachi 717
**Test:** Glucose (Oxidase)
**Catalog # :** HG921

CHEMISTRY PARAMETERS:

| | |
|---|---|
| TEST NAME | [GLU] |
| ASSAY CODE | [1-POINT]:[50]-[0] |
| SAMPLE VOLUME | [3] [2] |
| R1 VOLUME | [300] [100] [NO] |
| R2 VOLUME | |
| WAVELENGTH | [700] [505] |
| CALIBRATION | [LINEAR] [0] [0] |
| STD (1) CONC-POS | [0] [1] |
| STD (2) CONC-POS | [*] [*] |
| STD (3) CONC-POS | |
| STD (4) CONC-POS | |
| STD (5) CONC-POS | |
| STD (6) CONC-POS | |
| SD LIMIT | [0.1] |
| DUPLICATE LIMIT | [200] |
| SENSITIVITY LIMIT | [1100] |
| ABS LIMIT (INC/DEC) | [0] [INCREASE] |
| PROZONE LIMIT | [0] [LOWER] |
| EXPECTED VALUE | [*] [*] |
| PANIC VALUE | [*] [*] |
| INSTRUMENT FACTOR | [1.0] |

REAGENT PREPARATION

Reagent is ready to use.
Please consult the package insert for complete instructions on the use of this reagent.

PROCEDURAL NOTES

* Indicates user defined parameter.
** Input appropriate bottle size.
Set K-Factor to 450

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

Hitachi 717™ is a Registered Trademark of Nissei Sangyo Co. Ltd., Japan.

Rev. 1-03

# Pointe Scientific, Inc.

Instrument Application

Analyzer: Hitachi 717
Test: autoHDL Cholesterol
Catalog # : H7545

CHEMISTRY PARAMETERS:

| | |
|---|---|
| TEST NAME | [HDL] |
| ASSAY CODE | [2-POINT]:[24]-[50] |
| SAMPLE VOLUME | [4] [2] |
| R1 VOLUME | [300] [**] [NO] |
| R2 VOLUME | [100] [**] [No] |
| WAVELENGTH | [700] [600] |
| CALIBRATION | [LINEAR] [0] [0] |
| STD (1) CONC-POS | [0] [1] |
| STD (2) CONC-POS | [*] [*] |
| STD (3) CONC-POS | |
| STD (4) CONC-POS | |
| STD (5) CONC-POS | |
| STD (6) CONC-POS | |
| SD LIMIT | [0.1] |
| DUPLICATE LIMIT | [80] |
| SENSITIVITY LIMIT | [0] |
| ABS LIMIT (INC/DEC) | [32000] [INCREASE] |
| PROZONE LIMIT | [32000] [UPPER] |
| EXPECTED VALUE | [*] [*] |
| PANIC VALUE | [*] [*] |
| INSTRUMENT FACTOR | [1.0] |

REAGENT PREPARATION

Reagent is ready to use.
Please consult the package insert for complete instructions on the use of this reagent.

PROCEDURAL NOTES

* Indicates user defined parameter.
** Input appropriate bottle size.
Set K-Factor to 600

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

Hitachi 717™ is a Registered Trademark of Nissei Sangyo Co. Ltd., Japan.

Rev. 1-03

# Pointe Scientific, Inc.

Instrument Application

Analyzer: Hitachi 717
Test: Total Iron
Catalog # : HI904

CHEMISTRY PARAMETERS:

| | |
|---|---|
| TEST NAME | [FE] |
| ASSAY CODE | [2-POINT]:[24]-[50] |
| SAMPLE VOLUME | [15] [10] |
| R1 VOLUME | [250] [100] [No] |
| R2 VOLUME | [50] [100] [No] |
| WAVELENGTH | [700] [570] |
| CALIBRATION | [LINEAR] [0] [0] |
| STD (1) CONC-POS | [0] [1] |
| STD (2) CONC-POS | [*] [*] |
| STD (3) CONC-POS | |
| STD (4) CONC-POS | |
| STD (5) CONC-POS | |
| STD (6) CONC-POS | |
| SD LIMIT | [0.1] |
| DUPLICATE LIMIT | [200] |
| SENSITIVITY LIMIT | [0] |
| ABS LIMIT (INC/DEC) | [0] [INCREASE] |
| PROZONE LIMIT | [0] [LOWER] |
| EXPECTED VALUE | [*] [*] |
| PANIC VALUE | [*] [*] |
| INSTRUMENT FACTOR | [1.0] |

REAGENT PREPARATION

Reagent is ready to use.
Please consult the package insert for complete instructions on the use of this reagent.

PROCEDURAL NOTES

* Indicates user defined parameter.
** Input appropriate bottle size.
Set K-Factor to 5160

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

Hitachi 717™ is a Registered Trademark of Nissei Sangyo Co. Ltd., Japan.

Rev. 1-03

# Pointe Scientific, Inc.

Instrument Application

Analyzer: Hitachi 717
Test: UIBC
Catalog # : I7506

CHEMISTRY PARAMETERS:

| | |
|---|---|
| TEST NAME | [UIBC] |
| ASSAY CODE | [2-POINT]:[24]-[50] |
| SAMPLE VOLUME | [15] [0] |
| R1 VOLUME | [250] [**] [No] |
| R2 VOLUME | [50] [**] [No] |
| WAVELENGTH | [700] [570] |
| CALIBRATION | [LINEAR] [0] [0] |
| STD (1) CONC-POS | [0] [1] |
| STD (2) CONC-POS | [500] [*] |
| STD (3) CONC-POS | |
| STD (4) CONC-POS | |
| STD (5) CONC-POS | |
| STD (6) CONC-POS | |
| SD LIMIT | [0.1] |
| DUPLICATE LIMIT | [200] |
| SENSITIVITY LIMIT | [0] |
| ABS LIMIT (INC/DEC) | [0] [INCREASE] |
| PROZONE LIMIT | [0] [LOWER] |
| EXPECTED VALUE | [*] [*] |
| PANIC VALUE | [*] [*] |
| INSTRUMENT FACTOR | [1.0] |

REAGENT PREPARATION

R1 = Wkg UIBC Buffer, add 1.7 parts Iron Std (I7505-STD) to 10.0 parts UIBC Buffer.
R2 = Iron Color (Cat. No.HI904_R2)

PROCEDURAL NOTES

* Indicates user defined parameter.
** Input appropriate bottle size.
Set K-Factor to 3546
Saline is STD#1(input as 0ug/dl), 500ug/dl Iron standard is STD#2
After calibration record the K-factor. Under the Parameter screen change the "Calibration Type" to K-factor.
Under the Calibration list inter the K-factor as a negative number. You are now ready to run patient samples. The printed result is the UIBC result.

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

Hitachi 717™ is a Registered Trademark of Nissei Sangyo Co. Ltd., Japan.

Rev. 1-03

# Pointe Scientific, Inc.

Instrument Application

Analyzer: Hitachi 717

Test: Beta Hydroxy

Catalog # : H7587

CHEMISTRY PARAMETERS:

| | |
|---|---|
| TEST NAME | BHY] |
| ASSAY CODE | [2-POINT]:[24]-[50] |
| SAMPLE VOLUME | [8] [4] |
| R1 VOLUME | [300] [20] [NO] |
| R2 VOLUME | [50] [20] [No] |
| WAVELENGTH | [ ] [505] |
| CALIBRATION | [K-FACTOR] [0] [0] |
| STD (1) CONC-POS | [0] [1] |
| STD (2) CONC-POS | [*] [*] |
| STD (3) CONC-POS | |
| STD (4) CONC-POS | |
| STD (5) CONC-POS | |
| STD (6) CONC-POS | |
| SD LIMIT | [0.1] |
| DUPLICATE LIMIT | [100] |
| SENSITIVITY LIMIT | [0] |
| ABS LIMIT (INC/DEC) | [0] [INCREASE] |
| PROZONE LIMIT | [0] [LOWER] |
| EXPECTED VALUE | [*] [*] |
| PANIC VALUE | [*] [*] |
| INSTRUMENT FACTOR | [1.0] |

REAGENT PREPARATION

Reagent is ready to use.

Please consult the package insert for complete instructions on the use of this reagent.

PROCEDURAL NOTES

* Indicates user defined parameter.

** Input appropriate bottle size.

Set K-Factor to 256

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

Hitachi 717™ is a Registered Trademark of Nissei Sangyo Co. Ltd., Japan.

Rev. 1-03

# Pointe Scientific, Inc.

Instrument Application

Analyzer: Hitachi 717
Test: Lactate
Catalog # : L7596

CHEMISTRY PARAMETERS:

| | |
|---|---|
| TEST NAME | [LAC] |
| ASSAY CODE | [2-POINT]:[24]-[50] |
| SAMPLE VOLUME | [3] [2] |
| R1 VOLUME | [150] [50] [NO] |
| R2 VOLUME | [100] [20] [No] |
| WAVELENGTH | [700] [546] |
| CALIBRATION | [LINEAR] [0] [0] |
| STD (1) CONC-POS | [0] [1] |
| STD (2) CONC-POS | [*] [*] |
| STD (3) CONC-POS | |
| STD (4) CONC-POS | |
| STD (5) CONC-POS | |
| STD (6) CONC-POS | |
| SD LIMIT | [0.1] |
| DUPLICATE LIMIT | [200] |
| SENSITIVITY LIMIT | [1000] |
| ABS LIMIT (INC/DEC) | [0] [INCREASE] |
| PROZONE LIMIT | [-32000] [LOWER] |
| EXPECTED VALUE | [*] [*] |
| PANIC VALUE | [*] [*] |
| INSTRUMENT FACTOR | [1.0] |

REAGENT PREPARATION

Reagent is ready to use.
Please consult the package insert for complete instructions on the use of this reagent.

PROCEDURAL NOTES

* Indicates user defined parameter.
** Input appropriate bottle size.

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

Hitachi 717™ is a Registered Trademark of Nissei Sangyo Co. Ltd., Japan.

Rev. 1-03

# Pointe Scientific, Inc.

Instrument Application

**Analyzer:** Hitachi 717
**Test:** autoLDL Cholesterol
**Catalog # :** L7574

CHEMISTRY PARAMETERS:

| | |
|---|---|
| TEST NAME | [LDL] |
| ASSAY CODE | [2-POINT]:[24]-[50] |
| SAMPLE VOLUME | [3] [2] |
| R1 VOLUME | [300] [**] [NO] |
| R2 VOLUME | [100] [**] [No] |
| WAVELENGTH | [660] [546] |
| CALIBRATION | [LINEAR] [0] [0] |
| STD (1) CONC-POS | [0] [1] |
| STD (2) CONC-POS | [*] [*] |
| STD (3) CONC-POS | |
| STD (4) CONC-POS | |
| STD (5) CONC-POS | |
| STD (6) CONC-POS | |
| SD LIMIT | [0.1] |
| DUPLICATE LIMIT | [1000] |
| SENSITIVITY LIMIT | [0] |
| ABS LIMIT (INC/DEC) | [0] [INCREASE] |
| PROZONE LIMIT | [0] [LOWER] |
| EXPECTED VALUE | [*] [*] |
| PANIC VALUE | [*] [*] |
| INSTRUMENT FACTOR | [1.0] |

REAGENT PREPARATION

Reagent is ready to use.
Please consult the package insert for complete instructions on the use of this reagent.

PROCEDURAL NOTES

* Indicates user defined parameter.
** Input appropriate bottle size.
Set K-Factor to 480

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

Hitachi 717™ is a Registered Trademark of Nissei Sangyo Co. Ltd., Japan.

Rev. 1-03

# Pointe Scientific, Inc.

Instrument Application

Analyzer: Hitachi 717
Test: LDH-L
Catalog # : HL956

CHEMISTRY PARAMETERS:

| | |
|---|---|
| TEST NAME | [LDH] |
| ASSAY CODE | [RATE-A]:[35]-[46] |
| SAMPLE VOLUME | [10] [5] |
| R1 VOLUME | [250] [100] [NO] |
| R2 VOLUME | [100] [20] [No] |
| WAVELENGTH | [376] [340] |
| CALIBRATION | [K-FACTOR] [0] [0] |
| STD (1) CONC-POS | [0] [1] |
| STD (2) CONC-POS | |
| STD (3) CONC-POS | |
| STD (4) CONC-POS | |
| STD (5) CONC-POS | |
| STD (6) CONC-POS | |
| SD LIMIT | [0.1] |
| DUPLICATE LIMIT | [100] |
| SENSITIVITY LIMIT | [0] |
| ABS LIMIT (INC/DEC) | [10000] [INCREASE] |
| PROZONE LIMIT | [0] [LOWER] |
| EXPECTED VALUE | [*] [*] |
| PANIC VALUE | [*] [*] |
| INSTRUMENT FACTOR | [1.0] |

REAGENT PREPARATION

Reagent is ready to use.
Please consult the package insert for complete instructions on the use of this reagent.

PROCEDURAL NOTES

* Indicates user defined parameter.
** Input appropriate bottle size.
Set K-Factor to 8864. Adjust if necessary.

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

Hitachi 717™ is a Registered Trademark of Nissei Sangyo Co. Ltd., Japan.

Rev. 1-03

# Pointe Scientific, Inc.

Instrument Application

Analyzer: Hitachi 717
Test: Lipase
Catalog # : L7503

CHEMISTRY PARAMETERS:

| | |
|---|---|
| TEST NAME | [LIP] |
| ASSAY CODE | [2-POINT]:[42]-[50] |
| SAMPLE VOLUME | [5] [3] |
| R1 VOLUME | [300] [**] [NO] |
| R2 VOLUME | [100] [**] [No] |
| WAVELENGTH | [660] [546] |
| CALIBRATION | [LINEAR] [0] [0] |
| STD (1) CONC-POS | [0] [1] |
| STD (2) CONC-POS | [*] [*] |
| STD (3) CONC-POS | |
| STD (4) CONC-POS | |
| STD (5) CONC-POS | |
| STD (6) CONC-POS | |
| SD LIMIT | [0.1] |
| DUPLICATE LIMIT | [100] |
| SENSITIVITY LIMIT | [0] |
| ABS LIMIT (INC/DEC) | [1000] [INCREASE] |
| PROZONE LIMIT | [0] [LOWER] |
| EXPECTED VALUE | [*] [*] |
| PANIC VALUE | [*] [*] |
| INSTRUMENT FACTOR | [1.0] |

REAGENT PREPARATION

Prepare reagents according to package insert instructions.
Please consult the package insert for complete instructions on the use of this reagent.

PROCEDURAL NOTES

* Indicates user defined parameter.
** Input appropriate bottle size.

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

Hitachi 717™ is a Registered Trademark of Nissei Sangyo Co. Ltd., Japan.

Rev. 1-03

# Pointe Scientific, Inc.

Instrument Application

Analyzer: Hitachi 717
Test: Magnesium
Catalog # : HM929

CHEMISTRY PARAMETERS:

| | |
|---|---|
| TEST NAME | [MG] |
| ASSAY CODE | [2-POINT]:[24]-[50] |
| SAMPLE VOLUME | [4] [2] |
| R1 VOLUME | [250] [50] [NO] |
| R2 VOLUME | [250] [50] [No] |
| WAVELENGTH | [700] [546] |
| CALIBRATION | [LINEAR] [0] [0] |
| STD (1) CONC-POS | [0.0] [1] |
| STD (2) CONC-POS | [*] [*] |
| STD (3) CONC-POS | |
| STD (4) CONC-POS | |
| STD (5) CONC-POS | |
| STD (6) CONC-POS | |
| SD LIMIT | [0.1] |
| DUPLICATE LIMIT | [250] |
| SENSITIVITY LIMIT | [2000] |
| ABS LIMIT (INC/DEC) | [0] [INCREASE] |
| PROZONE LIMIT | [-32000] [LOWER] |
| EXPECTED VALUE | [*] [*] |
| PANIC VALUE | [*] [*] |
| INSTRUMENT FACTOR | [1.0] |

REAGENT PREPARATION

Reagent is ready to use.
Please consult the package insert for complete instructions on the use of this reagent.

PROCEDURAL NOTES

* Indicates user defined parameter.
** Input appropriate bottle size.
Set K-Factor to 125

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

Hitachi 717™ is a Registered Trademark of Nissei Sangyo Co. Ltd., Japan.

Rev. 1-03

# Pointe Scientific, Inc.

Instrument Application

Analyzer: Hitachi 717
Test: Microalbumin
Catalog # : M7562

CHEMISTRY PARAMETERS:

| | |
|---|---|
| TEST NAME | [u-ALB] |
| ASSAY CODE | [2-POINT]:[24]-[50] |
| SAMPLE VOLUME | [10] [10] |
| R1 VOLUME | [300] [20] [NO] |
| R2 VOLUME | [100] [20] [No] |
| WAVELENGTH | [700] [340] |
| CALIBRATION | [NONLINEAR] [4] [6] |
| STD (1) CONC-POS | [0.0] [1] |
| STD (2) CONC-POS | [0.5] [*] |
| STD (3) CONC-POS | [1.0] [*] |
| STD (4) CONC-POS | [5.0] [*] |
| STD (5) CONC-POS | [10.0] [*] |
| STD (6) CONC-POS | [30.0] [*] |
| SD LIMIT | [100] |
| DUPLICATE LIMIT | [10000] |
| SENSITIVITY LIMIT | [0] |
| ABS LIMIT (INC/DEC) | [32000] [INCREASE] |
| PROZONE LIMIT | [-32000] [LOWER] |
| EXPECTED VALUE | [*] [*] |
| PANIC VALUE | [*] [*] |
| INSTRUMENT FACTOR | [1.0] |

REAGENT PREPARATION

Reagent is ready to use.
Please consult the package insert for complete instructions on the use of this reagent.

PROCEDURAL NOTES

* Indicates user defined parameter.
** Input appropriate bottle size.
Set K-Factor to 22136

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

Hitachi 717™ is a Registered Trademark of Nissei Sangyo Co. Ltd., Japan.

Rev. 1-03

# Pointe Scientific, Inc.

Instrument Application

Analyzer: Hitachi 717
Test: Microprotein
Catalog # : HP782

CHEMISTRY PARAMETERS:

| | |
|---|---|
| TEST NAME | [MIPRO] |
| ASSAY CODE | [1-POINT]:[50]-[0] |
| SAMPLE VOLUME | [3] [2] |
| R1 VOLUME | [300] [50] [NO] |
| R2 VOLUME | |
| WAVELENGTH | [700] [600] |
| CALIBRATION | [LINEAR] [0] [0] |
| STD (1) CONC-POS | [0] [1] |
| STD (2) CONC-POS | |
| STD (3) CONC-POS | |
| STD (4) CONC-POS | |
| STD (5) CONC-POS | |
| STD (6) CONC-POS | |
| SD LIMIT | [0.1] |
| DUPLICATE LIMIT | [100] |
| SENSITIVITY LIMIT | [0] |
| ABS LIMIT (INC/DEC) | [0] [INCREASE] |
| PROZONE LIMIT | [0] [LOWER] |
| EXPECTED VALUE | [*] [*] |
| PANIC VALUE | [*] [*] |
| INSTRUMENT FACTOR | [1.0] |

REAGENT PREPARATION

Reagent is ready to use.
Please consult the package insert for complete instructions on the use of this reagent.

PROCEDURAL NOTES

* Indicates user defined parameter.
** Input appropriate bottle size.
Set K-Factor to 600

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

Hitachi 717™ is a Registered Trademark of Nissei Sangyo Co. Ltd., Japan.

Rev. 1-03

# Pointe Scientific, Inc.

Instrument Application

Analyzer: Hitachi 717
Test: Phosphorus
Catalog # : HP916

CHEMISTRY PARAMETERS:

| | |
|---|---|
| TEST NAME | [PHOS] |
| ASSAY CODE | [2-POINT]:[22]-[37] |
| SAMPLE VOLUME | [5] [3] |
| R1 VOLUME | [250] [100] [NO] |
| R2 VOLUME | [100] [100] [No] |
| WAVELENGTH | [700] [340] |
| CALIBRATION | [LINEAR] [0] [0] |
| STD (1) CONC-POS | [0.0] [1] |
| STD (2) CONC-POS | [*] [*] |
| STD (3) CONC-POS | |
| STD (4) CONC-POS | |
| STD (5) CONC-POS | |
| STD (6) CONC-POS | |
| SD LIMIT | [0.1] |
| DUPLICATE LIMIT | [200] |
| SENSITIVITY LIMIT | [2000] |
| ABS LIMIT (INC/DEC) | [0] [INCREASE] |
| PROZONE LIMIT | [-32000] [LOWER] |
| EXPECTED VALUE | [*] [*] |
| PANIC VALUE | [*] [*] |
| INSTRUMENT FACTOR | [1.0] |

REAGENT PREPARATION

Reagent is ready to use.
Please consult the package insert for complete instructions on the use of this reagent.

PROCEDURAL NOTES

* Indicates user defined parameter.
** Input appropriate bottle size.
Set K-Factor to 170

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

Hitachi 717™ is a Registered Trademark of Nissei Sangyo Co. Ltd., Japan.

Rev. 1-03

# Pointe Scientific, Inc.

Instrument Application

Analyzer: Hitachi 717
Test: Rheumatoid Factor
Catalog # : R7568

CHEMISTRY PARAMETERS:

| | |
|---|---|
| TEST NAME | [RF] |
| ASSAY CODE | [2-POINT]:[24]-[50] |
| SAMPLE VOLUME | [15] [2] |
| R1 VOLUME | [250] [20] [NO] |
| R2 VOLUME | [75] [20] [No] |
| WAVELENGTH | [700] [340] |
| CALIBRATION | [NONLINEAR] [4] [6] |
| STD (1) CONC-POS | [0] [1] |
| STD (2) CONC-POS | [*] [*] |
| STD (3) CONC-POS | |
| STD (4) CONC-POS | |
| STD (5) CONC-POS | |
| STD (6) CONC-POS | |
| SD LIMIT | [999] |
| DUPLICATE LIMIT | [10000] |
| SENSITIVITY LIMIT | [0] |
| ABS LIMIT (INC/DEC) | [32000] [INCREASE] |
| PROZONE LIMIT | [-32000] [LOWER] |
| EXPECTED VALUE | [*] [*] |
| PANIC VALUE | [*] [*] |
| INSTRUMENT FACTOR | [1.0] |

REAGENT PREPARATION

Reagent is ready to use.
Please consult the package insert for complete instructions on the use of this reagent.

PROCEDURAL NOTES

* Indicates user defined parameter.
** Input appropriate bottle size.

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

Hitachi 717™ is a Registered Trademark of Nissei Sangyo Co. Ltd., Japan.

Rev. 10-03

# Pointe Scientific, Inc.

Instrument Application

Analyzer: Hitachi 717
Test: Total Protein
Catalog # : HT928

CHEMISTRY PARAMETERS:

| | |
|---|---|
| TEST NAME | [TP] |
| ASSAY CODE | [2-POINT]:[24]-[50] |
| SAMPLE VOLUME | [3] [2] |
| R1 VOLUME | [250] [100] [NO] |
| R2 VOLUME | [100] [100] [No] |
| WAVELENGTH | [700] [570] |
| CALIBRATION | [LINEAR] [0] [0] |
| STD (1) CONC-POS | [0.0] [1] |
| STD (2) CONC-POS | [*] [*] |
| STD (3) CONC-POS | |
| STD (4) CONC-POS | |
| STD (5) CONC-POS | |
| STD (6) CONC-POS | |
| SD LIMIT | [0.1] |
| DUPLICATE LIMIT | [100] |
| SENSITIVITY LIMIT | [1000] |
| ABS LIMIT (INC/DEC) | [0] [INCREASE] |
| PROZONE LIMIT | [-32000] [LOWER] |
| EXPECTED VALUE | [*] [*] |
| PANIC VALUE | [*] [*] |
| INSTRUMENT FACTOR | [1.0] |

REAGENT PREPARATION

Reagent is ready to use.
Please consult the package insert for complete instructions on the use of this reagent.

PROCEDURAL NOTES

* Indicates user defined parameter.
** Input appropriate bottle size.
Set K-Factor to 475

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

Hitachi 717™ is a Registered Trademark of Nissei Sangyo Co. Ltd., Japan.

Rev. 1-03

# Pointe Scientific, Inc.

Instrument Application

Analyzer: Hitachi 717
Test: Triglycerides
Catalog # : HT932

CHEMISTRY PARAMETERS:

| | |
|---|---|
| TEST NAME | [TRIG] |
| ASSAY CODE | [1-POINT]:[50]-[0] |
| SAMPLE VOLUME | [3] [2] |
| R1 VOLUME | [300] [100] [NO] |
| R2 VOLUME | |
| WAVELENGTH | [700] [505] |
| CALIBRATION | [LINEAR] [0] [0] |
| STD (1) CONC-POS | [0] [1] |
| STD (2) CONC-POS | [*] [*] |
| STD (3) CONC-POS | |
| STD (4) CONC-POS | |
| STD (5) CONC-POS | |
| STD (6) CONC-POS | |
| SD LIMIT | [0.1] |
| DUPLICATE LIMIT | [200] |
| SENSITIVITY LIMIT | [1100] |
| ABS LIMIT (INC/DEC) | [0] [INCREASE] |
| PROZONE LIMIT | [0] [LOWER] |
| EXPECTED VALUE | [*] [*] |
| PANIC VALUE | [*] [*] |
| INSTRUMENT FACTOR | [1.0] |

REAGENT PREPARATION

Reagent is ready to use.
Please consult the package insert for complete instructions on the use of this reagent.

PROCEDURAL NOTES

* Indicates user defined parameter.
** Input appropriate bottle size.
Set K-Factor to 875

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

Hitachi 717™ is a Registered Trademark of Nissei Sangyo Co. Ltd., Japan.

Rev. 1-03

# Pointe Scientific, Inc.

Instrument Application

**Analyzer:** Hitachi 717
**Test:** Uric Acid
**Catalog # :** HU982

CHEMISTRY PARAMETERS:

| | |
|---|---|
| TEST NAME | [UA] |
| ASSAY CODE | [2-POINT]:[24]-[50] |
| SAMPLE VOLUME | [7] [3] |
| R1 VOLUME | [250] [100] [NO] |
| R2 VOLUME | [50] [20] [No] |
| WAVELENGTH | [660] [546] |
| CALIBRATION | [LINEAR] [0] [0] |
| STD (1) CONC-POS | [0.0] [1] |
| STD (2) CONC-POS | [*] [*] |
| STD (3) CONC-POS | |
| STD (4) CONC-POS | |
| STD (5) CONC-POS | |
| STD (6) CONC-POS | |
| SD LIMIT | [0.1] |
| DUPLICATE LIMIT | [100] |
| SENSITIVITY LIMIT | [700] |
| ABS LIMIT (INC/DEC) | [0] [INCREASE] |
| PROZONE LIMIT | [32000] [UPPER] |
| EXPECTED VALUE | [*] [*] |
| PANIC VALUE | [*] [*] |
| INSTRUMENT FACTOR | [1.0] |

REAGENT PREPARATION

Reagent is ready to use.
Please consult the package insert for complete instructions on the use of this reagent.

PROCEDURAL NOTES

* Indicates user defined parameter.
** Input appropriate bottle size.
Set K-Factor to 568

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

Hitachi 717™ is a Registered Trademark of Nissei Sangyo Co. Ltd., Japan.

Rev. 1-03