



ILab 600 - 650 instructions

rev 425.0.2 - 2010-09-01

Chema
D I A G N O S T I C A

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ILab 600 - 650 instructions

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Warning!

These programs should be used only as guideline. To check the reagent correct setting on the instrument, use only good quality control sera and work accordingly to with good laboratory practice. Instrumental factor must be checked. Chema Diagnostica will not be responsible for instrumental bad programming.

Analyzer: Ilab 600 - 650Application: **ACID PHOSPHATASE** - Codes AC 0120 TCPreparation: **POWDER SINGLE REAGENT. FOLLOW PREPARATION PROGRAM INDICATED IN INSERT SHEET. INSTALL AS R1**Storage: **REFRIGERATE AT 2-8°C**

| Photometric Test Parameters | Serum |
|------------------------------------|--------------|
| Test no. | ** |
| Test Name, Test Code | ACP-T |
| Sample Type | Serum |
| Reporting Units, Dec. Points | U/L, 1 |
| Reaction Cycle | Standard |
| Twin Analysis | OFF |
| Method. Type, Meas. Point | Rate, 19/33 |
| Photometric Methodology | 1 Wavelength |
| Primary/Secondary Wav. | 405 |

Sampling Conditions

| | | |
|----------------------------------|----------------|-----|
| <i>Sampling 1</i> | Smp. Vol. | 30 |
| | Smp./Dil. Vol. | 0/0 |
| <i>Sampling 2</i> | Smp.Vol. | 15 |
| | Smp./Dil.Vol. | 0/0 |
| <i>Sampling 3 and Sampling 4</i> | | *** |
| Diluent Code | Water | |
| Diluent Warning Limit | N/A | |
| First Run | Sampling 1 | |
| Below/Above Normal Range | *** | |
| Panic L | *** | |
| Panic H | Sampling 2 | |
| Noise | *** | |
| Prozone | N/A | |
| HIGH!, ABS | Sampling 2 | |

Reagent Volumes

| | | |
|----|----------------------|------------|
| R1 | Code | ** |
| | Rgt/Dil. Vol., Stir. | 300/0, yes |
| | Low Vol. W/ Limit | *** |
| | Stability (days) | 10 |
| R2 | Code | N/A |
| | Rgt/Dil. Vol., Stir. | N/A |
| | Low Vol. W/ Limit | N/A |
| | Stability (days) | N/A |

| Ranges and Eval. Criteria | Serum |
|----------------------------------|--------------|
| Normal range-Male | 0.0 - 4.7 |
| Normal range-Female | ** |
| Normal range-Other | ** |
| Valid Range | 0 - 75 |
| Hem./Icterus/Lip. Lmt. | *** |
| Reaction Slope | Positive |
| Absorbance Limit, | Above, 3000 |
| Prozone Limit | N/A |
| Non Linear Limit | 40 |
| Slope/Intercept Corr. | 1/0 |
| Qualitative Report | OFF |

Calib. Conditions (option 1: K-factor)

| | |
|------------------------|---------------------|
| Calibration | Factor: 743, 3 Reps |
| Stability (days) | N/A |
| Calibrator, Conc. | N/A |
| R-Blank Limit (mAbs) | *** |
| Cal. Reps Range (%) | N/A |
| Min. Cal. Resp. (mAbs) | N/A |
| Cal. Factor Change (%) | N/A |
| M-Point Curve Fit (%) | N/A |
| Auto R-Blank by Bottle | ON |

Calib. Conditions (option 2: calibrator)

| | |
|------------------------|-------------------------|
| Calibration | 1 Point, Linear, 3 Reps |
| Stability (days) | 10 |
| Calibrator, Conc. | Autocal H, * |
| R-Blank Limit (mAbs) | *** |
| Cal. Reps Range (%) | *** |
| Min. Cal. Resp. (mAbs) | *** |
| Cal. Factor Change (%) | *** |
| M-Point Curve Fit (%) | N/A |
| Auto R-Blank by Bottle | ON |

Note:

- * see the lot-assigned value
- ** user defined
- *** optional
- N/A not applicable

Analyzer: Ilab 600 - 650

Application: **ALBUMIN** - Code BC 0100 - 0500 - 1000 - 1500 CH
 Preparation: R1 - LIQUID READY TO USE SINGLE REAGENT
 Storage: ROOM TEMPERATURE OR REFRIGERATE (2-30°C)
 Stability: AS INDICATED IN THE LABEL

Photometric Test Parameters

Serum

Test no. **
 Test Name, Test Code ALB
 Sample Type Serum
 Reporting Units, Dec. Points g/dL, 1
 Reaction Cycle Standard
 Twin Analysis OFF
 Method. Type, Meas. Point End Point, 8
 Photometric Methodology 2 Wavelength
 Primary/Secondary Wav. 600/700

Sampling Conditions

Sampling 1 Smp. Vol. 3
 Smp./Dil. Vol. 0/0
Sampling 2 Smp.Vol. 2
 Smp./Dil.Vol. 0/0
Sampling 3 and Sampling 4 ***
 Diluent Code Water
 Diluent Warning Limit N/A
 First Run Sampling 1
 Below/Above Normal Range ***
 Panic L ***
 Panic H Sampling 2
 Noise ***
 Prozone N/A
 HIGH!, ABS Sampling 2

Reagent Volumes

R1 Code **
 Rgt/Dil. Vol., Stir. 300/0, yes
 Low Vol. W/ Limit ***
 Stability (days) 60
 R2 Code N/A
 Rgt/Dil. Vol., Stir. N/A
 Low Vol. W/ Limit N/A
 Stability (days) N/A

Ranges and Eval. Criteria

Serum

Normal range-Male 3.8 - 5.1
 Normal range-Female 3.8 - 5.1
 Normal range-Other **
 Valid Range 0.5 - 8.0
 Hem./Icterus/Lip. Lmt. ***
 Reaction Slope Positive
 Absorbance Limit, Above, 4000
 Prozone Limit N/A
 Non Linear Limit N/A
 Slope/Intercept Corr. 1/0
 Qualitative Report OFF

Calibration Conditions

Calibration 1 Point, Linear, 3 Reps
 Stability (days) 10
 Calibrator, Conc. Autocal H, *
 R-Blank Limit (mAbs) ***
 Cal. Reps Range (%) ***
 Min. Cal. Resp. (mAbs) ***
 Cal. Factor Change (%) ***
 M-Point Curve Fit (%) N/A
 Auto R-Blank by Bottle ON

Note:

* see the lot-assigned value
 ** user defined
 *** optional
 N/A not applicable

Analyzer: Ilab 600 - 650

Application: **ALKALINE PHOSPHATASE FL DGKC** - Codes AL F080 / F245 / F400 / F600 CH
 Preparation: R1 - INSTALL LIQUID READY TO USE REAGENT A
 R2 - INSTALL LIQUID READY TO USE REAGENT B
 Storage: REFRIGERATE AT 2-8°C
 Stability: AS INDICATED IN THE LABEL

| Photometric Test Parameters | Serum |
|------------------------------------|--------------|
| Test no. | ** |
| Test Name, Test Code | ALP |
| Sample Type | Serum |
| Reporting Units, Dec. Points | U/L, 0 |
| Reaction Cycle | Standard |
| Twin Analysis | OFF |
| Method. Type, Meas. Point | Rate, 21/27 |
| Photometric Methodology | 1 Wavelength |
| Primary/Secondary Wav. | 405 |

Sampling Conditions

| | | |
|----------------------------------|----------------|-----|
| <i>Sampling 1</i> | Smp. Vol. | 5 |
| | Smp./Dil. Vol. | 0/0 |
| <i>Sampling 2</i> | Smp.Vol. | 3 |
| | Smp./Dil.Vol. | 0/0 |
| <i>Sampling 3 and Sampling 4</i> | | *** |
| Diluent Code | Water | |
| Diluent Warning Limit | N/A | |
| First Run | Sampling 1 | |
| Below/Above Normal Range | *** | |
| Panic L | *** | |
| Panic H | Sampling 2 | |
| Noise | *** | |
| Prozone | N/A | |
| HIGH!, ABS | Sampling 2 | |

Reagent Volumes

| | | |
|----|----------------------|------------|
| R1 | Code | ** |
| | Rgt/Dil. Vol., Stir. | 250/0, yes |
| | Low Vol. W/ Limit | *** |
| | Stability (days) | 14 |
| R2 | Code | ** |
| | Rgt/Dil. Vol., Stir. | 62/0, yes |
| | Low Vol. W/ Limit | *** |
| | Stability (days) | 14 |

| Ranges and Eval. Criteria | Serum |
|----------------------------------|--------------|
| Normal range-Male | 64 - 306 |
| Normal range-Female | 80 - 306 |
| Normal range-Other | ** |
| Valid Range | 5 - 2000 |
| Hem./Icterus/Lip. Lmt. | *** |
| Reaction Slope | Positive |
| Absorbance Limit, | Above, 4000 |
| Prozone Limit | N/A |
| Non Linear Limit | 40 |
| Slope/Intercept Corr. | 1/0 |
| Qualitative Report | OFF |

Calib. Conditions (option 1: K-factor)

| | |
|------------------------|-----------------------|
| Calibration | Factor: 3.433, 3 Reps |
| Stability (days) | N/A |
| Calibrator, Conc. | N/A |
| R-Blank Limit (mAbs) | *** |
| Cal. Reps Range (%) | N/A |
| Min. Cal. Resp. (mAbs) | N/A |
| Cal. Factor Change (%) | N/A |
| M-Point Curve Fit (%) | N/A |
| Auto R-Blank by Bottle | ON |

Calib. Conditions (option 2: calibrator)

| | |
|------------------------|-------------------------|
| Calibration | 1 Point, Linear, 3 Reps |
| Stability (days) | 14 |
| Calibrator, Conc. | Autocal H, * |
| R-Blank Limit (mAbs) | *** |
| Cal. Reps Range (%) | *** |
| Min. Cal. Resp. (mAbs) | *** |
| Cal. Factor Change (%) | *** |
| M-Point Curve Fit (%) | N/A |
| Auto R-Blank by Bottle | ON |

Note:

* see the lot-assigned value
 ** user defined
 *** optional
 N/A not applicable

Analyzer: Ilab 600 - 650

Application: **ALKALINE PHOSPHATASE FL IFCC** - Codes AF F080 / F245 / F400 / F600 CH
 Preparation: R1 - INSTALL LIQUID READY TO USE REAGENT A
 R2 - INSTALL LIQUID READY TO USE REAGENT B
 Storage: REFRIGERATE AT 2-8°C
 Stability: AS INDICATED IN THE LABEL

| Photometric Test Parameters | Serum |
|------------------------------------|--------------|
| Test no. | ** |
| Test Name, Test Code | ALP |
| Sample Type | Serum |
| Reporting Units, Dec. Points | U/L, 0 |
| Reaction Cycle | Standard |
| Twin Analysis | OFF |
| Method. Type, Meas. Point | Rate, 21/27 |
| Photometric Methodology | 1 Wavelength |
| Primary/Secondary Wav. | 405 |

Sampling Conditions

| | | |
|----------------------------------|----------------|-----|
| Sampling 1 | Smp. Vol. | 5 |
| | Smp./Dil. Vol. | 0/0 |
| Sampling 2 | Smp.Vol. | 3 |
| | Smp./Dil.Vol. | 0/0 |
| Sampling 3 and Sampling 4 | | *** |
| Diluent Code | Water | |
| Diluent Warning Limit | N/A | |
| First Run | Sampling 1 | |
| Below/Above Normal Range | *** | |
| Panic L | *** | |
| Panic H | Sampling 2 | |
| Noise | *** | |
| Prozone | N/A | |
| HIGH!, ABS | Sampling 2 | |

Reagent Volumes

| | | |
|----|----------------------|------------|
| R1 | Code | ** |
| | Rgt/Dil. Vol., Stir. | 250/0, yes |
| | Low Vol. W/ Limit | *** |
| | Stability (days) | 14 |
| R2 | Code | ** |
| | Rgt/Dil. Vol., Stir. | 62/0, yes |
| | Low Vol. W/ Limit | *** |
| | Stability (days) | 14 |

| Ranges and Eval. Criteria | Serum |
|----------------------------------|--------------|
| Normal range-Male | 35 - 104 |
| Normal range-Female | 40 - 129 |
| Normal range-Other | ** |
| Valid Range | 5 - 3000 |
| Hem./Icterus/Lip. Lmt. | *** |
| Reaction Slope | Positive |
| Absorbance Limit, | Above, 4000 |
| Prozone Limit | N/A |
| Non Linear Limit | 40 |
| Slope/Intercept Corr. | 1/0 |
| Qualitative Report | OFF |

Calib. Conditions (option 1: K-factor)

| | |
|------------------------|-----------------------|
| Calibration | Factor: 3.433, 3 Reps |
| Stability (days) | N/A |
| Calibrator, Conc. | N/A |
| R-Blank Limit (mAbs) | *** |
| Cal. Reps Range (%) | N/A |
| Min. Cal. Resp. (mAbs) | N/A |
| Cal. Factor Change (%) | N/A |
| M-Point Curve Fit (%) | N/A |
| Auto R-Blank by Bottle | ON |

Calib. Conditions (option 2: calibrator)

| | |
|------------------------|-------------------------|
| Calibration | 1 Point, Linear, 3 Reps |
| Stability (days) | 14 |
| Calibrator, Conc. | Autocal H, * |
| R-Blank Limit (mAbs) | *** |
| Cal. Reps Range (%) | *** |
| Min. Cal. Resp. (mAbs) | *** |
| Cal. Factor Change (%) | *** |
| M-Point Curve Fit (%) | N/A |
| Auto R-Blank by Bottle | ON |

Note:

* see the lot-assigned value
 ** user defined
 *** optional
 N/A not applicable

Analyzer: Ilab 600 - 650Application: **AMYLASE FL** - Codes AM F060 / F120 / F245 CH

Preparation: R1 - LIQUID READY TO USE SINGLE REAGENT

Storage: REFRIGERATE AT 2-8°C

Stability: AS INDICATED IN THE LABEL

| <i>Photometric Test Parameters</i> | <i>Serum</i> | <i>Urine</i> |
|------------------------------------|--------------|--------------|
| Test no. | ** | ** |
| Test Name, Test Code | AMY | AMY UR |
| Sample Type | Serum | Urine |
| Reporting Units, Dec. Points | U/L, 0 | U/L, 0 |
| Reaction Cycle | Standard | Standard |
| Twin Analysis | OFF | OFF |
| Method. Type, Meas. Point | Rate 6/17 | Rate 6/17 |
| Photometric Methodology | 1 Wavelength | 1 Wavelength |
| Primary/Secondary Wav. | 405 | 405 |

Sampling Conditions

| | | | |
|----------------------------------|----------------|------------|-------|
| <i>Sampling 1</i> | Smp. Vol. | 8 | 8 |
| | Smp./Dil. Vol. | 0/0 | 20/80 |
| <i>Sampling 2</i> | Smp.Vol. | 8 | 8 |
| | Smp./Dil.Vol. | 10/90 | 10/90 |
| <i>Sampling 3 and Sampling 4</i> | | *** | *** |
| Diluent Code | Water | Water | |
| Diluent Warning Limit | N/A | N/A | |
| First Run | Sampling 1 | Sampling 1 | |
| Below/Above Normal Range | *** | *** | |
| Panic L | *** | *** | |
| Panic H | Sampling 2 | Sampling 2 | |
| Noise | *** | *** | |
| Prozone | N/A | N/A | |
| HIGH!, ABS | Sampling 2 | Sampling 2 | |

Reagent Volumes

| | | | |
|----|----------------------|------------|------------|
| R1 | Code | ** | ** |
| | Rgt/Dil. Vol., Stir. | 320/0, yes | 320/0, yes |
| | Low Vol. W/ Limit | *** | *** |
| | Stability (days) | 30 | 30 |
| R2 | Code | N/A | N/A |
| | Rgt/Dil. Vol., Stir. | N/A | N/A |
| | Low Vol. W/ Limit | N/A | N/A |
| | Stability (days) | N/A | N/A |

| <i>Ranges and Eval. Criteria</i> | <i>Serum</i> | <i>Urine</i> |
|----------------------------------|--------------|--------------|
| Normal range-Male | 0 - 96 | 0 - 480 |
| Normal range-Female | 0 - 96 | 0 - 480 |
| Normal range-Other | ** | ** |
| Valid Range | 5 - 3000 | 5 - 15000 |
| Hem./Icterus/Lip. Lmt. | *** | *** |
| Reaction Slope | Positive | Positive |
| Absorbance Limit, | Above, 4000 | Above, 4000 |
| Prozone Limit | N/A | N/A |
| Non Linear Limit | 40 | 40 |
| Slope/Intercept Corr. | 1/0 | 5/0 |
| Qualitative Report | OFF | OFF |

Calib. Conditions (option 1: K-factor)

| | | |
|------------------------|--------------------------|--------------------------|
| Calibration | Factor: 3.178, 3 Reps | Factor: 3.178, 3 Reps |
| Stability (days) | N/A | N/A |
| Calibrator, Conc. | N/A | N/A |
| R-Blank Limit (mAbs) | *** | *** |
| Cal. Reps Range (%) | N/A | N/A |
| Min. Cal. Resp. (mAbs) | N/A | N/A |
| Cal. Factor Change (%) | N/A | N/A |
| M-Point Curve Fit (%) | N/A | N/A |
| Auto R-Blank by Bottle | ON | ON |

Calib. Conditions (option 2: calibrator)

| | | |
|------------------------|----------------------------|--|
| Calibration | 1 Point, Linear, 3 Reps | K-Accept, Partner**, Coeff: 5, 3 Reps |
| Stability (days) | 30 | N/A |
| Calibrator, Conc. | Autocal H, * | ** |
| R-Blank Limit (mAbs) | *** | N/A |
| Cal. Reps Range (%) | *** | N/A |
| Min. Cal. Resp. (mAbs) | *** | N/A |
| Cal. Factor Change (%) | *** | N/A |
| M-Point Curve Fit (%) | N/A | N/A |
| Auto R-Blank by Bottle | ON | ON |

NOTA: il metodo CNP-G3 non é sempre disponibile tra i valori del calibratore. In mancanza, utilizzare il valore EPS, programmando i parametri come di seguito:

| | |
|---------------------|----------|
| Normal range-Male | 28 - 100 |
| Normal range-Female | 28 - 100 |
| Valid Range | 2 - 1500 |

Note:

- * see the lot-assigned value
- ** user defined
- *** optional
- N/A not applicable

Analyzer: Ilab 600 - 650

Application: **AMYLASE EPS FL** - Codes EA F080 / F245 CH
 Preparation: R1 - INSTALL LIQUID READY TO USE REAGENT A
 R2 - INSTALL LIQUID READY TO USE REAGENT B
 Storage: REFRIGERATE AT 2-8°C
 Stability: AS INDICATED IN THE LABEL

| <i>Photometric Test Parameters</i> | <i>Serum</i> | <i>Urine</i> |
|------------------------------------|--------------|--------------|
| Test no. | ** | ** |
| Test Name, Test Code | AMY | AMY UR |
| Sample Type | Serum | Urine |
| Reporting Units, Dec. Points | U/L, 0 | U/L, 0 |
| Reaction Cycle | Standard | Standard |
| Twin Analysis | OFF | OFF |
| Method. Type, Meas. Point | Rate 21/27 | Rate 21/27 |
| Photometric Methodology | 1 Wavelength | 1 Wavelength |
| Primary/Secondary Wav. | 405 | 405 |

Sampling Conditions

| | | | |
|----------------------------------|----------------|------------|-------|
| <i>Sampling 1</i> | Smp. Vol. | 10 | 10 |
| | Smp./Dil. Vol. | 0/0 | 20/80 |
| <i>Sampling 2</i> | Smp.Vol. | 10 | 10 |
| | Smp./Dil.Vol. | 10/90 | 10/90 |
| <i>Sampling 3 and Sampling 4</i> | | *** | *** |
| Diluent Code | Water | Water | |
| Diluent Warning Limit | N/A | N/A | |
| First Run | Sampling 1 | Sampling 1 | |
| Below/Above Normal Range | *** | *** | |
| Panic L | *** | *** | |
| Panic H | Sampling 2 | Sampling 2 | |
| Noise | *** | *** | |
| Prozone | N/A | N/A | |
| HIGH!, ABS | Sampling 2 | Sampling 2 | |

Reagent Volumes

| | | | |
|----|----------------------|------------|------------|
| R1 | Code | ** | ** |
| | Rgt/Dil. Vol., Stir. | 240/0, yes | 240/0, yes |
| | Low Vol. W/ Limit | *** | *** |
| | Stability (days) | 30 | 30 |
| R2 | Code | ** | ** |
| | Rgt/Dil. Vol., Stir. | 60/0, yes | 60/0, yes |
| | Low Vol. W/ Limit | *** | *** |
| | Stability (days) | 30 | 30 |

| <i>Ranges and Eval. Criteria</i> | <i>Serum</i> | <i>Urine</i> |
|----------------------------------|--------------|--------------|
| Normal range-Male | 28 - 100 | 0 - 460 |
| Normal range-Female | 28 - 100 | 0 - 160 |
| Normal range-Other | ** | ** |
| Valid Range | 5 - 1500 | 5 - 7500 |
| Hem./Icterus/Lip. Lmt. | *** | *** |
| Reaction Slope | Positive | Positive |
| Absorbance Limit, | Above, 4000 | Above, 4000 |
| Prozone Limit | N/A | N/A |
| Non Linear Limit | 40 | 40 |
| Slope/Intercept Corr. | 1/0 | 5/0 |
| Qualitative Report | OFF | OFF |

Calib. Conditions (option 1: K-factor)

| | | |
|------------------------|----------------------|----------------------|
| Calibration | Factor: 3480, 3 Reps | Factor: 3480, 3 Reps |
| Stability (days) | N/A | N/A |
| Calibrator, Conc. | N/A | N/A |
| R-Blank Limit (mAbs) | *** | *** |
| Cal. Reps Range (%) | N/A | N/A |
| Min. Cal. Resp. (mAbs) | N/A | N/A |
| Cal. Factor Change (%) | N/A | N/A |
| M-Point Curve Fit (%) | N/A | N/A |
| Auto R-Blank by Bottle | ON | ON |

Calib. Conditions (option 2: calibrator)

| | | |
|------------------------|-------------------------|---------------------------------------|
| Calibration | 1 Point, Linear, 3 Reps | K-Accept, Partner**, Coeff: 5, 3 Reps |
| Stability (days) | 30 | N/A |
| Calibrator, Conc. | Autocal H, * | ** |
| R-Blank Limit (mAbs) | *** | N/A |
| Cal. Reps Range (%) | *** | N/A |
| Min. Cal. Resp. (mAbs) | *** | N/A |
| Cal. Factor Change (%) | *** | N/A |
| M-Point Curve Fit (%) | N/A | N/A |
| Auto R-Blank by Bottle | ON | ON |

Note:

* see the lot-assigned value
 ** user defined
 *** optional
 N/A not applicable

Analyzer: Ilab 600 - 650

Application: **PANCREATIC ISOAMYLASE FL** - Code PA F080 / F245 CH

Preparation: R1 - INSTALL LIQUID READY TO USE REAGENT A

R2 - INSTALL LIQUID READY TO USE REAGENT B

Storage: REFRIGERATE AT 2-8°C

Stability: AS INDICATED IN THE LABEL

| Photometric Test Parameters | Serum | Urine |
|------------------------------------|--------------|--------------|
| Test no. | ** | ** |
| Test Name, Test Code | PANC | PANC UR |
| Sample Type | Serum | Urine |
| Reporting Units, Dec. Points | U/L, 0 | U/L, 0 |
| Reaction Cycle | Standard | Standard |
| Twin Analysis | OFF | OFF |
| Method. Type, Meas. Point | Rate 21/27 | Rate 21/27 |
| Photometric Methodology | 1 Wavelength | 1 Wavelength |
| Primary/Secondary Wav. | 405 | 405 |

Sampling Conditions

| | | | |
|----------------------------------|----------------|------------|-------|
| <i>Sampling 1</i> | Smp. Vol. | 6 | 6 |
| | Smp./Dil. Vol. | 0/0 | 20/80 |
| <i>Sampling 2</i> | Smp.Vol. | 6 | 6 |
| | Smp./Dil.Vol. | 10/90 | 10/90 |
| <i>Sampling 3 and Sampling 4</i> | | *** | *** |
| Diluent Code | Water | Water | |
| Diluent Warning Limit | N/A | N/A | |
| First Run | Sampling 1 | Sampling 1 | |
| Below/Above Normal Range | *** | *** | |
| Panic L | *** | *** | |
| Panic H | Sampling 2 | Sampling 2 | |
| Noise | *** | *** | |
| Prozone | N/A | N/A | |
| HIGH!, ABS | Sampling 2 | Sampling 2 | |

Reagent Volumes

| | | | |
|----|----------------------|------------|------------|
| R1 | Code | ** | ** |
| | Rgt/Dil. Vol., Stir. | 240/0, yes | 240/0, yes |
| | Low Vol. W/ Limit | *** | *** |
| | Stability (days) | 30 | 30 |
| R2 | Code | ** | ** |
| | Rgt/Dil. Vol., Stir. | 60/0, yes | 60/0, yes |
| | Low Vol. W/ Limit | *** | *** |
| | Stability (days) | 30 | 30 |

| Ranges and Eval. Criteria | Serum | Urine |
|----------------------------------|--------------|--------------|
| Normal range-Male | 13 - 53 | 0 - 350 |
| Normal range-Female | 13 - 53 | 0 - 350 |
| Normal range-Other | ** | ** |
| Valid Range | 5 - 2500 | 5 - 12500 |
| Hem./Icterus/Lip. Lmt. | *** | *** |
| Reaction Slope | Positive | Positive |
| Absorbance Limit, | Above, 4000 | Above, 4000 |
| Prozone Limit | N/A | N/A |
| Non Linear Limit | 40 | 40 |
| Slope/Intercept Corr. | 1/0 | 5/0 |
| Qualitative Report | OFF | OFF |

Calib. Conditions (option 1: K-factor)

| | | |
|------------------------|----------------------|----------------------|
| Calibration | Factor: 6280, 3 Reps | Factor: 6280, 3 Reps |
| Stability (days) | N/A | N/A |
| Calibrator, Conc. | N/A | N/A |
| R-Blank Limit (mAbs) | *** | *** |
| Cal. Reps Range (%) | N/A | N/A |
| Min. Cal. Resp. (mAbs) | N/A | N/A |
| Cal. Factor Change (%) | N/A | N/A |
| M-Point Curve Fit (%) | N/A | N/A |
| Auto R-Blank by Bottle | ON | ON |

Calib. Conditions (option 2: calibrator)

| | | |
|------------------------|-------------------------|---------------------------------------|
| Calibration | 1 Point, Linear, 3 Reps | K-Accept, Partner**, Coeff: 5, 3 Reps |
| Stability (days) | 30 | N/A |
| Calibrator, Conc. | Autocal H, * | ** |
| R-Blank Limit (mAbs) | *** | N/A |
| Cal. Reps Range (%) | *** | N/A |
| Min. Cal. Resp. (mAbs) | *** | N/A |
| Cal. Factor Change (%) | *** | N/A |
| M-Point Curve Fit (%) | N/A | N/A |
| Auto R-Blank by Bottle | ON | ON |

Note:

- * see the lot-assigned value
- ** user defined
- *** optional
- N/A not applicable

Analyzer: Ilab 600 - 650

Application: **BICARBONATE FL** - Codes BR F060 / F245 / F400 CH
 Preparation: R1 - LIQUID READY TO USE SINGLE REAGENT
 Storage: ROOM TEMPERATURE OR REFRIGERATE (2-30°C)
 Stability: AS INDICATED IN THE LABEL

Photometric Test Parameters

Serum

Test no. **
 Test Name, Test Code BR
 Sample Type Serum
 Reporting Units, Dec. Points mmol/L, 1
 Reaction Cycle Standard
 Twin Analysis OFF
 Method. Type, Meas. Point End Point, 32
 Photometric Methodology 2 Wavelength
 Primary/Secondary Wav. 415/505

Sampling Conditions

Sampling 1 Smp. Vol. 3
 Smp./Dil. Vol. 0/0
 Sampling 2 Smp.Vol. 2
 Smp./Dil.Vol. 0/0
 Sampling 3 and Sampling 4 ***
 Diluent Code Water
 Diluent Warning Limit N/A
 First Run Sampling 1
 Below/Above Normal Range ***
 Panic L ***
 Panic H Sampling 2
 Noise ***
 Prozone N/A
 HIGH!, ABS Sampling 2

Reagent Volumes

R1 Code **
 Rgt/Dil. Vol., Stir. 300/0, yes
 Low Vol. W/ Limit ***
 Stability (days) 60
 R2 Code N/A
 Rgt/Dil. Vol., Stir. N/A
 Low Vol. W/ Limit N/A
 Stability (days) N/A

Ranges and Eval. Criteria

Serum

Normal range-Male 22 - 29
 Normal range-Female 22 - 29
 Normal range-Other **
 Valid Range 1 - 50
 Hem./Icterus/Lip. Lmt. ***
 Reaction Slope Positive
 Absorbance Limit, Above, 4000
 Prozone Limit N/A
 Non Linear Limit N/A
 Slope/Intercept Corr. 1/0
 Qualitative Report OFF

Calibration Conditions

Calibration 1 Point, Linear, 3 Reps
 Stability (days) 10
 Calibrator, Conc. Standard, *
 R-Blank Limit (mAbs) ***
 Cal. Reps Range (%) ***
 Min. Cal. Resp. (mAbs) ***
 Cal. Factor Change (%) ***
 M-Point Curve Fit (%) N/A
 Auto R-Blank by Bottle ON

Note:

* see the lot-assigned value
 ** user defined
 *** optional
 N/A not applicable

Analyzer: Ilab 600 - 650

Application: **BILIRUBIN TOTAL FL** - Codes DT F125 / F500 CH
 Preparation: R1 - USE LIQUID READY TO USE REAGENT A
 R2 - USE LIQUID READY TO USE REAGENT A
 Storage: REFRIGERATE AT 2-8°C
 Stability: AS INDICATED IN THE LABEL

Photometric Test Parameters

Serum

Test no. **
 Test Name, Test Code BILT FL
 Sample Type Serum
 Reporting Units, Dec. Points mg/dL, 2
 Reaction Cycle Standard
 Twin Analysis OFF
 Method. Type, Meas. Point End Point, 16/32
 Photometric Methodology 1 Wavelength
 Primary/Secondary Wav. 510

Sampling Conditions

Sampling 1 Smp. Vol. 15
 Smp./Dil. Vol. 0/0
 Sampling 2 Smp.Vol. 10
 Smp./Dil.Vol. 0/0
 Sampling 3 and Sampling 4 ***
 Diluent Code Water
 Diluent Warning Limit N/A
 First Run Sampling 1
 Below/Above Normal Range ***
 Panic L ***
 Panic H Sampling 2
 Noise ***
 Prozone N/A
 HIGH!, ABS Sampling 2

Reagent Volumes

R1 Code **
 Rgt/Dil. Vol., Stir. 300/0, yes
 Low Vol. W/ Limit ***
 Stability (days) 10
 R2 Code **
 Rgt/Dil. Vol., Stir. 75/0, yes
 Low Vol. W/ Limit ***
 Stability (days) 10

Ranges and Eval. Criteria

Serum

Normal range-Male 0.10 - 1.20
 Normal range-Female 0.10 - 1.20
 Normal range-Other **
 Valid Range 0.10 - 20.00
 Hem./Icterus/Lip. Lmt. ***
 Reaction Slope Positive
 Absorbance Limit, Above, 4000
 Prozone Limit N/A
 Non Linear Limit N/A
 Slope/Intercept Corr. 1/0
 Qualitative Report OFF

Calibration Conditions

Calibration 1 Point, Linear, 3 Reps
 Stability (days) 7
 Calibrator, Conc. Autocal H, *
 R-Blank Limit (mAbs) ***
 Cal. Reps Range (%) ***
 Min. Cal. Resp. (mAbs) ***
 Cal. Factor Change (%) ***
 M-Point Curve Fit (%) N/A
 Auto R-Blank by Bottle ON

Note:

* see the lot-assigned value
 ** user defined
 *** optional
 N/A not applicable

Analyzer: Ilab 600 - 650

Application: **BILIRUBIN DIRECT FL** - Codes DD F125 / F500 CH
 Preparation: R1 - USE LIQUID READY TO USE REAGENT A
 R2 - USE LIQUID READY TO USE REAGENT A
 Storage: REFRIGERATE AT 2-8°C
 Stability: AS INDICATED IN THE LABEL

Photometric Test Parameters**Serum**

| | |
|------------------------------|------------------|
| Test no. | ** |
| Test Name, Test Code | BILD FL |
| Sample Type | Serum |
| Reporting Units, Dec. Points | mg/dl, 2 |
| Reaction Cycle | Standard |
| Twin Analysis | OFF |
| Method. Type, Meas. Point | End Point, 16/32 |
| Photometric Methodology | 1 Wavelength |
| Primary/Secondary Wav. | 546 |

Sampling Conditions

| | | |
|----------------------------------|----------------|-----|
| <i>Sampling 1</i> | Smp. Vol. | 15 |
| | Smp./Dil. Vol. | 0/0 |
| <i>Sampling 2</i> | Smp.Vol. | 10 |
| | Smp./Dil.Vol. | 0/0 |
| <i>Sampling 3 and Sampling 4</i> | | *** |
| Diluent Code | Water | |
| Diluent Warning Limit | N/A | |
| First Run | Sampling 1 | |
| Below/Above Normal Range | *** | |
| Panic L | *** | |
| Panic H | Sampling 2 | |
| Noise | *** | |
| Prozone | N/A | |
| HIGH!, ABS | Sampling 2 | |

Reagent Volumes

| | | |
|----|----------------------|------------|
| R1 | Code | ** |
| | Rgt/Dil. Vol., Stir. | 300/0, yes |
| | Low Vol. W/ Limit | *** |
| | Stability (days) | 10 |
| R2 | Code | ** |
| | Rgt/Dil. Vol., Stir. | 75/0, yes |
| | Low Vol. W/ Limit | *** |
| | Stability (days) | 10 |

Ranges and Eval. Criteria**Serum**

| | |
|------------------------|--------------|
| Normal range-Male | 0.00 - 0.2 |
| Normal range-Female | 0.00 - 0.2 |
| Normal range-Other | ** |
| Valid Range | 0.00 - 13.00 |
| Hem./Icterus/Lip. Lmt. | *** |
| Reaction Slope | Positive |
| Absorbance Limit, | Above, 4000 |
| Prozone Limit | N/A |
| Non Linear Limit | N/A |
| Slope/Intercept Corr. | 1/0 |
| Qualitative Report | OFF |

Calibration Conditions

| | |
|------------------------|-------------------------|
| Calibration | 1 Point, Linear, 3 Reps |
| Stability (days) | 7 |
| Calibrator, Conc. | Autocal H, * |
| R-Blank Limit (mAbs) | *** |
| Cal. Reps Range (%) | *** |
| Min. Cal. Resp. (mAbs) | *** |
| Cal. Factor Change (%) | *** |
| M-Point Curve Fit (%) | N/A |
| Auto R-Blank by Bottle | ON |

Note:

* see the lot-assigned value
 ** user defined
 *** optional
 N/A not applicable

Analyzer: Ilab 600 - 650

Application: **CALCIUM ASX - Code CA 0100 - 0500 CH**
 Preparation: **R1 - LIQUID READY TO USE SINGLE REAGENT**
 Storage: **ROOM TEMPERATURE OR REFRIGERATE (2-30°C)**
 Stability: **AS INDICATED IN THE LABEL**

| <i>Photometric Test Parameters</i> | <i>Serum</i> | <i>Urine</i> |
|------------------------------------|---------------|---------------|
| Test no. | ** | ** |
| Test Name, Test Code | CA | CA UR |
| Sample Type | Serum | Urine |
| Reporting Units, Dec. Points | mg/dL, 2 | mg/dL, 0 |
| Reaction Cycle | Standard | Standard |
| Twin Analysis | OFF | OFF |
| Method. Type, Meas. Point | End Point, 28 | End Point, 28 |
| Photometric Methodology | 2 Wavelength | 2 Wavelength |
| Primary/Secondary Wav. | 660/700 | 660/700 |

Sampling Conditions

| | | | |
|----------------------------------|----------------|------------|-------|
| <i>Sampling 1</i> | Smp. Vol. | 3 | 3 |
| | Smp./Dil. Vol. | 0/0 | 20/80 |
| <i>Sampling 2</i> | Smp.Vol. | 3 | 3 |
| | Smp./Dil.Vol. | 0/0 | 10/90 |
| <i>Sampling 3 and Sampling 4</i> | | *** | *** |
| Diluent Code | Water | Water | |
| Diluent Warning Limit | N/A | N/A | |
| First Run | Sampling 1 | Sampling 1 | |
| Below/Above Normal Range | *** | *** | |
| Panic L | *** | *** | |
| Panic H | Sampling 2 | Sampling 2 | |
| Noise | *** | *** | |
| Prozone | N/A | N/A | |
| HIGH!, ABS | Sampling 2 | Sampling 2 | |

Reagent Volumes

| | | | |
|----|----------------------|------------|------------|
| R1 | Code | ** | ** |
| | Rgt/Dil. Vol., Stir. | 300/0, yes | 300/0, yes |
| | Low Vol. W/ Limit | *** | *** |
| | Stability (days) | 30 | 30 |
| R2 | Code | N/A | N/A |
| | Rgt/Dil. Vol., Stir. | N/A | N/A |
| | Low Vol. W/ Limit | N/A | N/A |
| | Stability (days) | N/A | N/A |

| <i>Ranges and Eval. Criteria</i> | <i>Serum</i> | <i>Urine</i> |
|----------------------------------|--------------|--------------|
| Normal range-Male | 8.80 - 10.80 | ** |
| Normal range-Female | 8.80 - 10.80 | ** |
| Normal range-Other | ** | ** |
| Valid Range | 1.0 - 20.0 | 2 - 120 |
| Hem./Icterus/Lip. Lmt. | *** | *** |
| Reaction Slope | Positive | Positive |
| Absorbance Limit, | Above, 4000 | Above, 4000 |
| Prozone Limit | N/A | N/A |
| Non Linear Limit | N/A | N/A |
| Slope/Intercept Corr. | 1/0 | 1/0 |
| Qualitative Report | OFF | OFF |

Calibration Conditions

| | | |
|------------------------|----------------------------|--|
| Calibration | 1 Point, Linear, 3 Reps | K-Accept, Partner**, Coeff: 5, 3 Reps |
| Stability (days) | 3 | N/A |
| Calibrator, Conc. | Autocal H, * | N/A |
| R-Blank Limit (mAbs) | *** | *** |
| Cal. Reps Range (%) | *** | N/A |
| Min. Cal. Resp. (mAbs) | *** | N/A |
| Cal. Factor Change (%) | *** | N/A |
| M-Point Curve Fit (%) | N/A | N/A |
| Auto R-Blank by Bottle | ON | ON |

Note:

* see the lot-assigned value
 ** user defined
 *** optional
 N/A not applicable

Analyzer: Ilab 600 - 650

Application: **CALCIUM** - Code CA 0305 - 0505 CH
 Preparation: R1 - INSTALL LIQUID READY TO USE REAGENT B
 R2 - INSTALL LIQUID READY TO USE REAGENT A
 Storage: REFRIGERATE AT 2-8°C
 Stability: AS INDICATED IN THE LABEL

| <i>Photometric Test Parameters</i> | <i>Serum</i> | <i>Urine</i> |
|------------------------------------|---------------|---------------|
| Test no. | ** | ** |
| Test Name, Test Code | CA | CA UR |
| Sample Type | Serum | Urine |
| Reporting Units, Dec. Points | mg/dl, 2 | mg/dl, 0 |
| Reaction Cycle | Standard | Standard |
| Twin Analysis | OFF | OFF |
| Method. Type, Meas. Point | End Point, 28 | End Point, 28 |
| Photometric Methodology | 2 Wavelength | 2 Wavelength |
| Primary/Secondary Wav. | 570/660 | 570/660 |

Sampling Conditions

| | | | |
|----------------------------------|----------------|------------|-------|
| <i>Sampling 1</i> | Smp. Vol. | 6 | 6 |
| | Smp./Dil. Vol. | 0/0 | 20/80 |
| <i>Sampling 2</i> | Smp.Vol. | 3 | 6 |
| | Smp./Dil.Vol. | 0/0 | 10/90 |
| <i>Sampling 3 and Sampling 4</i> | | *** | *** |
| Diluent Code | Water | Water | |
| Diluent Warning Limit | N/A | N/A | |
| First Run | Sampling 1 | Sampling 1 | |
| Below/Above Normal Range | *** | *** | |
| Panic L | *** | *** | |
| Panic H | Sampling 2 | Sampling 2 | |
| Noise | *** | *** | |
| Prozone | N/A | N/A | |
| HIGH!, ABS | Sampling 2 | Sampling 2 | |

Reagent Volumes

| | | | |
|----|----------------------|------------|------------|
| R1 | Code | ** | ** |
| | Rgt/Dil. Vol., Stir. | 180/0, yes | 180/0, yes |
| | Low Vol. W/ Limit | *** | *** |
| | Stability (days) | 30 | 30 |
| R2 | Code | ** | ** |
| | Rgt/Dil. Vol., Stir. | 180/0, yes | 180/0, yes |
| | Low Vol. W/ Limit | *** | *** |
| | Stability (days) | 30 | 30 |

| <i>Ranges and Eval. Criteria</i> | <i>Serum</i> | <i>Urine</i> |
|----------------------------------|--------------|--------------|
| Normal range-Male | 8.80 - 10.80 | ** |
| Normal range-Female | 8.80 - 10.80 | ** |
| Normal range-Other | ** | ** |
| Valid Range | 1.0 - 20.0 | 2 - 120 |
| Hem./Icterus/Lip. Lmt. | *** | *** |
| Reaction Slope | Positive | Positive |
| Absorbance Limit, | Above, 4000 | Above, 4000 |
| Prozone Limit | N/A | N/A |
| Non Linear Limit | N/A | N/A |
| Slope/Intercept Corr. | 1/0 | 1/0 |
| Qualitative Report | OFF | OFF |

Calibration Conditions

| | | |
|------------------------|----------------------------|--|
| Calibration | 1 Point, Linear, 3 Reps | K-Accept, Partner**, Coeff: 5, 3 Reps |
| Stability (days) | 3 | N/A |
| Calibrator, Conc. | Autocal H, * | N/A |
| R-Blank Limit (mAbs) | *** | *** |
| Cal. Reps Range (%) | *** | N/A |
| Min. Cal. Resp. (mAbs) | *** | N/A |
| Cal. Factor Change (%) | *** | N/A |
| M-Point Curve Fit (%) | N/A | N/A |
| Auto R-Blank by Bottle | ON | ON |

Note:

* see the lot-assigned value
 ** user defined
 *** optional
 N/A not applicable

Analyzer: Ilab 600 - 650

Application: **CHOLESTEROL FL** - Codes CT F100 / F400 / 100F / 150F CH
 Preparation: R1 - LIQUID READY TO USE SINGLE REAGENT
 Storage: REFRIGERATE AT 2-8°C
 Stability: AS INDICATED IN THE LABEL

Photometric Test Parameters

| | Serum |
|------------------------------|---------------|
| Test no. | ** |
| Test Name, Test Code | CHOL |
| Sample Type | Serum |
| Reporting Units, Dec. Points | mg/dL, 0 |
| Reaction Cycle | Standard |
| Twin Analysis | OFF |
| Method. Type, Meas. Point | End Point, 33 |
| Photometric Methodology | 2 Wavelength |
| Primary/Secondary Wav. | 510/660 |

Sampling Conditions

| | | |
|----------------------------------|----------------|------------|
| <i>Sampling 1</i> | Smp. Vol. | 3 |
| | Smp./Dil. Vol. | 0/0 |
| <i>Sampling 2</i> | Smp. Vol. | 2 |
| | Smp./Dil. Vol. | 0/0 |
| <i>Sampling 3 and Sampling 4</i> | | *** |
| Diluent Code | | Water |
| Diluent Warning Limit | | N/A |
| First Run | | Sampling 1 |
| Below/Above Normal Range | | *** |
| Panic L | | *** |
| Panic H | | Sampling 2 |
| Noise | | *** |
| Prozone | | N/A |
| HIGH!, ABS | | Sampling 2 |

Reagent Volumes

| | | |
|----|----------------------|------------|
| R1 | Code | ** |
| | Rgt/Dil. Vol., Stir. | 300/0, yes |
| | Low Vol. W/ Limit | *** |
| | Stability (days) | 60 |
| R2 | Code | N/A |
| | Rgt/Dil. Vol., Stir. | N/A |
| | Low Vol. W/ Limit | N/A |
| | Stability (days) | N/A |

Ranges and Eval. Criteria

| | Serum |
|------------------------|--------------|
| Normal range-Male | 140 - 200 |
| Normal range-Female | 140 - 200 |
| Normal range-Other | ** |
| Valid Range | 10 - 800 |
| Hem./Icterus/Lip. Lmt. | *** |
| Reaction Slope | Positive |
| Absorbance Limit, | Above, 4000 |
| Prozone Limit | N/A |
| Non Linear Limit | N/A |
| Slope/Intercept Corr. | 1/0 |
| Qualitative Report | OFF |

Calibration Conditions

| | |
|------------------------|-------------------------|
| Calibration | 1 Point, Linear, 3 Reps |
| Stability (days) | 10 |
| Calibrator, Conc. | Autocal H, * |
| R-Blank Limit (mAbs) | *** |
| Cal. Reps Range (%) | *** |
| Min. Cal. Resp. (mAbs) | *** |
| Cal. Factor Change (%) | *** |
| M-Point Curve Fit (%) | N/A |
| Auto R-Blank by Bottle | ON |

Note:

- * see the lot-assigned value
- ** user defined
- *** optional
- N/A not applicable

Analyzer: Ilab 600 - 650

Application: **HDL DIRECT FL** - Code HD F080 / F245 / F400 CH

Preparation: R1 - USE LIQUID RFADY TO USE REAGENT A

R2 - USE LIQUID RFADY TO USE REAGENT B

Storage: REFRIGERATE AT 2-8°C

Stability: AS INDICATED IN THE LABEL

Photometric Test Parameters

Serum

| | |
|------------------------------|---------------|
| Test no. | ** |
| Test Name, Test Code | HDL-C |
| Sample Type | Serum |
| Reporting Units, Dec. Points | mg/dL, 1 |
| Reaction Cycle | Standard |
| Twin Analysis | OFF |
| Method. Type, Meas. Point | End Point, 33 |
| Photometric Methodology | 2 Wavelength |
| Primary/Secondary Wav. | 600/700 |

Sampling Conditions

| | | |
|----------------------------------|----------------|-----|
| <i>Sampling 1</i> | Smp. Vol. | 3 |
| | Smp./Dil. Vol. | 0/0 |
| <i>Sampling 2</i> | Smp.Vol. | 2 |
| | Smp./Dil.Vol. | 0/0 |
| <i>Sampling 3 and Sampling 4</i> | | *** |
| Diluent Code | Water | |
| Diluent Warning Limit | N/A | |
| First Run | Sampling 1 | |
| Below/Above Normal Range | *** | |
| Panic L | *** | |
| Panic H | Sampling 2 | |
| Noise | *** | |
| Prozone | N/A | |
| HIGH!, ABS | Sampling 2 | |

Reagent Volumes

| | | |
|----|----------------------|------------|
| R1 | Code | ** |
| | Rgt/Dil. Vol., Stir. | 270/0, yes |
| | Low Vol. W/ Limit | *** |
| | Stability (days) | 60 |
| R2 | Code | ** |
| | Rgt/Dil. Vol., Stir. | 90/0, yes |
| | Low Vol. W/ Limit | *** |
| | Stability (days) | 60 |

Ranges and Eval. Criteria

Serum

| | |
|------------------------|-------------|
| Normal range-Male | 35 - 79 |
| Normal range-Female | 42 - 88 |
| Normal range-Other | ** |
| Valid Range | 5 - 220 |
| Hem./Icterus/Lip. Lmt. | *** |
| Reaction Slope | Positive |
| Absorbance Limit, | Above, 3500 |
| Prozone Limit | N/A |
| Non Linear Limit | N/A |
| Slope/Intercept Corr. | 1/0 |
| Qualitative Report | OFF |

Calibration Conditions

| | |
|------------------------|-------------------------|
| Calibration | 1 Point, Linear, 3 Reps |
| Stability (days) | 10 |
| Calibrator, Conc. | Autocal H, * |
| R-Blank Limit (mAbs) | *** |
| Cal. Reps Range (%) | *** |
| Min. Cal. Resp. (mAbs) | *** |
| Cal. Factor Change (%) | *** |
| M-Point Curve Fit (%) | N/A |
| Auto R-Blank by Bottle | ON |

Note:

- * see the lot-assigned value
- ** user defined
- *** optional
- N/A not applicable

Analyzer: Ilab 600 - 650

Application: **LDL DIRECT FL - Code DL F080 CH**
 Preparation: R1 - USE LIQUID READY TO USE REAGENT A
 R2 - USE LIQUID READY TO USE REAGENT B
 Storage: REFRIGERATE AT 2-8°C
 Stability: AS INDICATED IN THE LABEL

| <i>Photometric Test Parameters</i> | <i>Serum</i> |
|------------------------------------|---------------|
| Test no. | ** |
| Test Name, Test Code | LDL-C |
| Sample Type | Serum |
| Reporting Units, Dec. Points | mg/dL, 1 |
| Reaction Cycle | Standard |
| Twin Analysis | OFF |
| Method. Type, Meas. Point | End Point, 33 |
| Photometric Methodology | 2 Wavelength |
| Primary/Secondary Wav. | 600/700 |

Sampling Conditions

| | | |
|----------------------------------|----------------|-----|
| <i>Sampling 1</i> | Smp. Vol. | 3 |
| | Smp./Dil. Vol. | 0/0 |
| <i>Sampling 2</i> | Smp.Vol. | 2 |
| | Smp./Dil.Vol. | 0/0 |
| <i>Sampling 3 and Sampling 4</i> | | *** |
| Diluent Code | Water | |
| Diluent Warning Limit | N/A | |
| First Run | Sampling 1 | |
| Below/Above Normal Range | *** | |
| Panic L | *** | |
| Panic H | Sampling 2 | |
| Noise | *** | |
| Prozone | N/A | |
| HIGH!, ABS | Sampling 2 | |

Reagent Volumes

| | | |
|----|----------------------|------------|
| R1 | Code | ** |
| | Rgt/Dil. Vol., Stir. | 270/0, yes |
| | Low Vol. W/ Limit | *** |
| | Stability (days) | 60 |
| R2 | Code | ** |
| | Rgt/Dil. Vol., Stir. | 90/0, yes |
| | Low Vol. W/ Limit | *** |
| | Stability (days) | 60 |

| <i>Ranges and Eval. Criteria</i> | <i>Serum</i> |
|----------------------------------|--------------|
| Normal range-Male | 76 - 218 |
| Normal range-Female | 76 - 218 |
| Normal range-Other | ** |
| Valid Range | 5 - 400 |
| Hem./Icterus/Lip. Lmt. | *** |
| Reaction Slope | Positive |
| Absorbance Limit, | Above, 3500 |
| Prozone Limit | N/A |
| Non Linear Limit | N/A |
| Slope/Intercept Corr. | 1/0 |
| Qualitative Report | OFF |

Calibration Conditions

| | |
|------------------------|-------------------------|
| Calibration | 1 Point, Linear, 3 Reps |
| Stability (days) | 10 |
| Calibrator, Conc. | Autocal H, * |
| R-Blank Limit (mAbs) | *** |
| Cal. Reps Range (%) | *** |
| Min. Cal. Resp. (mAbs) | *** |
| Cal. Factor Change (%) | *** |
| M-Point Curve Fit (%) | N/A |
| Auto R-Blank by Bottle | ON |

Note:

* see the lot-assigned value
 ** user defined
 *** optional
 N/A not applicable

Analyzer: Ilab 600 - 650

Application: **CHOLINESTERASE FL (DGKC)** - Codes CH F096 - F245 CH
 Preparation: R1 - INSTALL LIQUID READY TO USE REAGENT A
 R2 - INSTALL LIQUID READY TO USE REAGENT B
 Storage: REFRIGERATE AT 2-8°C
 Stability: AS INDICATED IN THE LABEL

| <i>Photometric Test Parameters</i> | <i>Serum</i> |
|------------------------------------|--------------|
| Test no. | ** |
| Test Name, Test Code | CHE |
| Sample Type | Serum |
| Reporting Units, Dec. Points | U/L, 0 |
| Reaction Cycle | Standard |
| Twin Analysis | OFF |
| Method. Type, Meas. Point | Rate, 22/27 |
| Photometric Methodology | 1 Wavelength |
| Primary/Secondary Wav. | 405 |

Sampling Conditions

| | | |
|----------------------------------|----------------|-----|
| <i>Sampling 1</i> | Smp. Vol. | 5 |
| | Smp./Dil. Vol. | 0/0 |
| <i>Sampling 2</i> | Smp.Vol. | 3 |
| | Smp./Dil.Vol. | 0/0 |
| <i>Sampling 3 and Sampling 4</i> | | *** |
| Diluent Code | Water | |
| Diluent Warning Limit | N/A | |
| First Run | Sampling 1 | |
| Below/Above Normal Range | *** | |
| Panic L | *** | |
| Panic H | Sampling 2 | |
| Noise | *** | |
| Prozone | N/A | |
| HIGH!, ABS | Sampling 2 | |

Reagent Volumes

| | | |
|----|----------------------|------------|
| R1 | Code | ** |
| | Rgt/Dil. Vol., Stir. | 250/0, yes |
| | Low Vol. W/ Limit | *** |
| | Stability (days) | 14 |
| R2 | Code | ** |
| | Rgt/Dil. Vol., Stir. | 50/0, yes |
| | Low Vol. W/ Limit | *** |
| | Stability (days) | 14 |

| <i>Ranges and Eval. Criteria</i> | <i>Serum</i> |
|----------------------------------|--------------|
| Normal range-Male | 5600 - 11200 |
| Normal range-Female | 4200 - 10800 |
| Normal range-Other | ** |
| Valid Range | 50 - 25000 |
| Hem./Icterus/Lip. Lmt. | *** |
| Reaction Slope | Negative |
| Absorbance Limit, | Below, 2500 |
| Prozone Limit | N/A |
| Non Linear Limit | 40 |
| Slope/Intercept Corr. | 1/0 |
| Qualitative Report | OFF |

Calib. Conditions (option 1: K-factor)

| | |
|------------------------|-------------------------|
| Calibration | Factor: -65.800, 3 Reps |
| Stability (days) | N/A |
| Calibrator, Conc. | N/A |
| R-Blank Limit (mAbs) | *** |
| Cal. Reps Range (%) | N/A |
| Min. Cal. Resp. (mAbs) | N/A |
| Cal. Factor Change (%) | N/A |
| M-Point Curve Fit (%) | N/A |
| Auto R-Blank by Bottle | ON |

Calib. Conditions (option 2: calibrator)

| | |
|------------------------|-------------------------|
| Calibration | 1 Point, Linear, 3 Reps |
| Stability (days) | 10 |
| Calibrator, Conc. | Autocal H, * |
| R-Blank Limit (mAbs) | *** |
| Cal. Reps Range (%) | *** |
| Min. Cal. Resp. (mAbs) | *** |
| Cal. Factor Change (%) | *** |
| M-Point Curve Fit (%) | N/A |
| Auto R-Blank by Bottle | ON |

Note:

* see the lot-assigned value
 ** user defined
 *** optional
 N/A not applicable

Analyzer: Ilab 600 - 650

Application: **CK-NAC FL** - Codes CK F060 / F120 / F245 CH
 Preparation: R1 - INSTALL LIQUID READY TO USE REAGENT A
 R2 - INSTALL LIQUID READY TO USE REAGENT B
 Storage: REFRIGERATE AT 2-8°C
 Stability: AS INDICATED IN THE LABEL

| <i>Photometric Test Parameters</i> | <i>Serum</i> |
|------------------------------------|--------------|
| Test no. | ** |
| Test Name, Test Code | CKNAC |
| Sample Type | Serum |
| Reporting Units, Dec. Points | U/L, 0 |
| Reaction Cycle | Standard |
| Twin Analysis | OFF |
| Method. Type, Meas. Point | Rate, 21/29 |
| Photometric Methodology | 1 Wavelength |
| Primary/Secondary Wav. | 340 |

Sampling Conditions

| | | |
|----------------------------------|----------------|-----|
| <i>Sampling 1</i> | Smp. Vol. | 12 |
| | Smp./Dil. Vol. | 0/0 |
| <i>Sampling 2</i> | Smp.Vol. | 6 |
| | Smp./Dil.Vol. | 0/0 |
| <i>Sampling 3 and Sampling 4</i> | | *** |
| Diluent Code | Water | |
| Diluent Warning Limit | N/A | |
| First Run | Sampling 1 | |
| Below/Above Normal Range | *** | |
| Panic L | *** | |
| Panic H | Sampling 2 | |
| Noise | *** | |
| Prozone | N/A | |
| HIGH!, ABS | Sampling 2 | |

Reagent Volumes

| | | |
|----|----------------------|------------|
| R1 | Code | ** |
| | Rgt/Dil. Vol., Stir. | 240/0, yes |
| | Low Vol. W/ Limit | *** |
| | Stability (days) | 14 |
| R2 | Code | ** |
| | Rgt/Dil. Vol., Stir. | 60/0, yes |
| | Low Vol. W/ Limit | *** |
| | Stability (days) | 14 |

| <i>Ranges and Eval. Criteria</i> | <i>Serum</i> |
|----------------------------------|--------------|
| Normal range-Male | 0 - 190 |
| Normal range-Female | 0 - 165 |
| Normal range-Other | ** |
| Valid Range | 5 - 1600 |
| Hem./Icterus/Lip. Lmt. | *** |
| Reaction Slope | Positive |
| Absorbance Limit, | Above, 2500 |
| Prozone Limit | N/A |
| Non Linear Limit | 40 |
| Slope/Intercept Corr. | 1/0 |
| Qualitative Report | OFF |

Calib. Conditions (option 1: K-factor)

| | |
|------------------------|-----------------------|
| Calibration | Factor: 4.127, 3 Reps |
| Stability (days) | N/A |
| Calibrator, Conc. | N/A |
| R-Blank Limit (mAbs) | *** |
| Cal. Reps Range (%) | N/A |
| Min. Cal. Resp. (mAbs) | N/A |
| Cal. Factor Change (%) | N/A |
| M-Point Curve Fit (%) | N/A |
| Auto R-Blank by Bottle | ON |

Calib. Conditions (option 2: calibrator)

| | |
|------------------------|-------------------------|
| Calibration | 1 Point, Linear, 3 Reps |
| Stability (days) | 30 |
| Calibrator, Conc. | Autocal H, * |
| R-Blank Limit (mAbs) | *** |
| Cal. Reps Range (%) | *** |
| Min. Cal. Resp. (mAbs) | *** |
| Cal. Factor Change (%) | *** |
| M-Point Curve Fit (%) | N/A |
| Auto R-Blank by Bottle | ON |

Note:

* see the lot-assigned value
 ** user defined
 *** optional
 N/A not applicable

Analyzer: Ilab 600 - 650

Application: **CK-MB FL** - Code MB F060 / F120 CH
 Preparation: R1 - INSTALL LIQUID READY TO USE REAGENT A
 R2 - INSTALL LIQUID READY TO USE REAGENT B
 Storage: REFRIGERATE AT 2-8°C
 Stability: AS INDICATED IN THE LABEL

| <i>Photometric Test Parameters</i> | <i>Serum</i> |
|------------------------------------|--------------|
| Test no. | ** |
| Test Name, Test Code | CKMB |
| Sample Type | Serum |
| Reporting Units, Dec. Points | U/L, 0 |
| Reaction Cycle | Standard |
| Twin Analysis | OFF |
| Method. Type, Meas. Point | Rate, 21/29 |
| Photometric Methodology | 1 Wavelength |
| Primary/Secondary Wav. | 340 |

Sampling Conditions

| | | |
|----------------------------------|----------------|-----|
| <i>Sampling 1</i> | Smp. Vol. | 12 |
| | Smp./Dil. Vol. | 0/0 |
| <i>Sampling 2</i> | Smp.Vol. | 6 |
| | Smp./Dil.Vol. | 0/0 |
| <i>Sampling 3 and Sampling 4</i> | | *** |
| Diluent Code | Water | |
| Diluent Warning Limit | N/A | |
| First Run | Sampling 1 | |
| Below/Above Normal Range | *** | |
| Panic L | *** | |
| Panic H | Sampling 2 | |
| Noise | *** | |
| Prozone | N/A | |
| HIGH!, ABS | Sampling 2 | |

Reagent Volumes

| | | |
|----|----------------------|------------|
| R1 | Code | ** |
| | Rgt/Dil. Vol., Stir. | 240/0, yes |
| | Low Vol. W/ Limit | *** |
| | Stability (days) | 14 |
| R2 | Code | ** |
| | Rgt/Dil. Vol., Stir. | 60/0, yes |
| | Low Vol. W/ Limit | *** |
| | Stability (days) | 14 |

| <i>Ranges and Eval. Criteria</i> | <i>Serum</i> |
|----------------------------------|--------------|
| Normal range-Male | 0 - 24 |
| Normal range-Female | 0 - 24 |
| Normal range-Other | ** |
| Valid Range | 2 - 1600 |
| Hem./Icterus/Lip. Lmt. | *** |
| Reaction Slope | Positive |
| Absorbance Limit, | Above, 3000 |
| Prozone Limit | N/A |
| Non Linear Limit | 40 |
| Slope/Intercept Corr. | 1/0 |
| Qualitative Report | OFF |

Calib. Conditions (option 1: K-factor)

| | |
|------------------------|-----------------------|
| Calibration | Factor: 8.254, 3 Reps |
| Stability (days) | N/A |
| Calibrator, Conc. | N/A |
| R-Blank Limit (mAbs) | *** |
| Cal. Reps Range (%) | N/A |
| Min. Cal. Resp. (mAbs) | N/A |
| Cal. Factor Change (%) | N/A |
| M-Point Curve Fit (%) | N/A |
| Auto R-Blank by Bottle | ON |

Calib. Conditions (option 2: calibrator)

| | |
|------------------------|-------------------------|
| Calibration | 1 Point, Linear, 3 Reps |
| Stability (days) | 30 |
| Calibrator, Conc. | MB Cal, * |
| R-Blank Limit (mAbs) | *** |
| Cal. Reps Range (%) | *** |
| Min. Cal. Resp. (mAbs) | *** |
| Cal. Factor Change (%) | *** |
| M-Point Curve Fit (%) | N/A |
| Auto R-Blank by Bottle | ON |

Note:

* see the lot-assigned value
 ** user defined
 *** optional
 N/A not applicable

Analyzer: Ilab 600 - 650

Application: **COPPER** - Code CU 0100 CH

Preparation: R1 - INSTALL LIQUID READY TO USE REAGENT B
R2 - INSTALL LIQUID READY TO USE REAGENT A

Storage: ROOM TEMPERATURE (Warning! The reagent A could precipitate if refrigerate)

Stability: AS INDICATED IN THE LABEL

| <i>Photometric Test Parameters</i> | <i>Serum</i> | <i>Urine</i> |
|------------------------------------|---------------|---------------|
| Test no. | ** | ** |
| Test Name, Test Code | CU | CU UR |
| Sample Type | Serum | Urine |
| Reporting Units, Dec. Points | microg/dl, 0 | microg/dl, 0 |
| Reaction Cycle | Standard | Standard |
| Twin Analysis | OFF | OFF |
| Method. Type, Meas. Point | End Point, 28 | End Point, 28 |
| Photometric Methodology | 2 Wavelength | 2 Wavelength |
| Primary/Secondary Wav. | 570/660 | 570/660 |

Sampling Conditions

| | | | |
|----------------------------------|----------------|------------|-----|
| <i>Sampling 1</i> | Smp. Vol. | 25 | 25 |
| | Smp./Dil. Vol. | 0/0 | 0/0 |
| <i>Sampling 2</i> | Smp.Vol. | 10 | 10 |
| | Smp./Dil.Vol. | 0/0 | 0/0 |
| <i>Sampling 3 and Sampling 4</i> | | *** | *** |
| Diluent Code | Water | Water | |
| Diluent Warning Limit | N/A | N/A | |
| First Run | Sampling 1 | Sampling 1 | |
| Below/Above Normal Range | *** | *** | |
| Panic L | *** | *** | |
| Panic H | Sampling 2 | Sampling 2 | |
| Noise | *** | *** | |
| Prozone | N/A | N/A | |
| HIGH!, ABS | Sampling 2 | Sampling 2 | |

Reagent Volumes

| | | | |
|----|----------------------|------------|------------|
| R1 | Code | ** | ** |
| | Rgt/Dil. Vol., Stir. | 188/0, yes | 188/0, yes |
| | Low Vol. W/ Limit | *** | *** |
| R2 | Stability (days) | 30 | 30 |
| | Code | ** | ** |
| | Rgt/Dil. Vol., Stir. | 188/0, yes | 188/0, yes |
| | Low Vol. W/ Limit | *** | *** |
| | Stability (days) | 30 | 30 |

| <i>Ranges and Eval. Criteria</i> | <i>Serum</i> | <i>Urine</i> |
|----------------------------------|--------------|--------------|
| Normal range-Male | 70 - 140 | ** |
| Normal range-Female | 80 - 155 | ** |
| Normal range-Other | ** | ** |
| Valid Range | 1 - 500 | 1 - 500 |
| Hem./Icterus/Lip. Lmt. | *** | *** |
| Reaction Slope | Positive | Positive |
| Absorbance Limit, | Above, 4000 | Above, 4000 |
| Prozone Limit | N/A | N/A |
| Non Linear Limit | N/A | N/A |
| Slope/Intercept Corr. | 1/0 | 1/0 |
| Qualitative Report | OFF | OFF |

Calibration Conditions

| | | |
|------------------------|----------------------------|--|
| Calibration | 1 Point, Linear, 3 Reps | K-Accept, Partner**, Coeff: 5, 3 Reps |
| Stability (days) | 3 | N/A |
| Calibrator, Conc. | XXX * | N/A |
| R-Blank Limit (mAbs) | *** | *** |
| Cal. Reps Range (%) | *** | N/A |
| Min. Cal. Resp. (mAbs) | *** | N/A |
| Cal. Factor Change (%) | *** | N/A |
| M-Point Curve Fit (%) | N/A | N/A |
| Auto R-Blank by Bottle | ON | ON |

Note:

- * see the lot-assigned value
- ** user defined
- *** optional
- N/A not applicable

Analyzer: Ilab 600 - 650

Application: **CREATININE** - Code CR 0500 / 1000 / 1500 CH
 Preparation: R1 - INSTALL LIQUID READY TO USE REAGENT B
 R2 - INSTALL LIQUID READY TO USE REAGENT A
 Storage: ROOM TEMPERATURE OR REFRIGERATE (2-30°C)
 Stability: AS INDICATED IN THE LABEL

| Photometric Test Parameters | Serum | Urine |
|------------------------------------|------------------|------------------|
| Test no. | ** | ** |
| Test Name, Test Code | CREA | CREA UR |
| Sample Type | Serum | Urine |
| Reporting Units, Dec. Points | mg/dL, 2 | mg/dL, 1 |
| Reaction Cycle | Standard | Standard |
| Twin Analysis | OFF | OFF |
| Method. Type, Meas. Point | End Point, 19/23 | End Point, 19/23 |
| Photometric Methodology | 2 Wavelength | 2 Wavelength |
| Primary/Secondary Wav. | 510/570 | 510/570 |

Sampling Conditions

| | | | |
|----------------------------------|----------------|------------|-------|
| Sampling 1 | Smp. Vol. | 20 | 20 |
| | Smp./Dil. Vol. | 0/0 | 8/395 |
| Sampling 2 | Smp.Vol. | 10 | 20 |
| | Smp./Dil.Vol. | 0/0 | 4/395 |
| Sampling 3 and Sampling 4 | | *** | *** |
| Diluent Code | Water | Water | |
| Diluent Warning Limit | N/A | N/A | |
| First Run | Sampling 1 | Sampling 1 | |
| Below/Above Normal Range | *** | *** | |
| Panic L | *** | *** | |
| Panic H | Sampling 2 | Sampling 2 | |
| Noise | *** | *** | |
| Prozone | N/A | N/A | |
| HIGH!, ABS | Sampling 2 | Sampling 2 | |

Reagent Volumes

| | | | |
|----|----------------------|------------|------------|
| R1 | Code | ** | ** |
| | Rgt/Dil. Vol., Stir. | 150/0, yes | 150/0, yes |
| | Low Vol. W/ Limit | *** | *** |
| | Stability (days) | 10 | 10 |
| R2 | Code | ** | ** |
| | Rgt/Dil. Vol., Stir. | 150/0, yes | 150/0, yes |
| | Low Vol. W/ Limit | *** | *** |
| | Stability (days) | 10 | 10 |

| Ranges and Eval. Criteria | Serum | Urine |
|----------------------------------|--------------|--------------|
| Normal range-Male | 0.60 - 1.20 | ** |
| Normal range-Female | 0.50 - 1.00 | ** |
| Normal range-Other | ** | ** |
| Valid Range | 0.10 - 20.0 | 2 - 800 |
| Hem./Icterus/Lip. Lmt. | *** | *** |
| Reaction Slope | Positive | Positive |
| Absorbance Limit, | Above, 3500 | Above, 3500 |
| Prozone Limit | N/A | N/A |
| Non Linear Limit | N/A | N/A |
| Slope/Intercept Corr. | 1/0 | 1/0 |
| Qualitative Report | OFF | OFF |

Calibration Conditions

| | | |
|------------------------|-------------------------|--|
| Calibration | 1 Point, Linear, 3 Reps | K-Accept, Partner**, Coeff: 50, 3 Reps |
| Stability (days) | 10 | N/A |
| Calibrator, Conc. | Autocal H, * | N/A |
| R-Blank Limit (mAbs) | *** | *** |
| Cal. Reps Range (%) | *** | N/A |
| Min. Cal. Resp. (mAbs) | *** | N/A |
| Cal. Factor Change (%) | *** | N/A |
| M-Point Curve Fit (%) | N/A | N/A |
| Auto R-Blank by Bottle | ON | ON |

Note:

* see the lot-assigned value
 ** user defined
 *** optional
 N/A not applicable

Analyzer: Ilab 600 - 650

Application: **GAMMA-GT FL** - Codes GT F080 / F245 / F400 / F600 CH
 Preparation: R1 - INSTALL LIQUID READY TO USE REAGENT A
 R2 - INSTALL LIQUID READY TO USE REAGENT B
 Storage: REFRIGERATE AT 2-8°C
 Stability: AS INDICATED IN THE LABEL

Photometric Test Parameters Serum

Test no. **
 Test Name, Test Code GGT
 Sample Type Serum
 Reporting Units, Dec. Points U/L, 0
 Reaction Cycle Standard
 Twin Analysis OFF
 Method. Type, Meas. Point Rate, 21/27
 Photometric Methodology 1 Wavelength
 Primary/Secondary Wav. 405

Sampling Conditions

Sampling 1 Smp. Vol. 30
 Smp./Dil. Vol. 0/0
 Sampling 2 Smp.Vol. 15
 Smp./Dil.Vol. 0/0
 Sampling 3 and Sampling 4 ***
 Diluent Code Water
 Diluent Warning Limit N/A
 First Run Sampling 1
 Below/Above Normal Range ***
 Panic L ***
 Panic H Sampling 2
 Noise ***
 Prozone N/A
 HIGH!, ABS Sampling 2

Reagent Volumes

R1 Code **
 Rgt/Dil. Vol., Stir. 240/0, yes
 Low Vol. W/ Limit ***
 Stability (days) 14
 R2 Code **
 Rgt/Dil. Vol., Stir. 60/0, yes
 Low Vol. W/ Limit ***
 Stability (days) 14

Ranges and Eval. Criteria Serum

Normal range-Male 10 - 47
 Normal range-Female 7 - 30
 Normal range-Other **
 Valid Range 2 - 700
 Hem./Icterus/Lip. Lmt. ***
 Reaction Slope Positive
 Absorbance Limit, Above, 4000
 Prozone Limit N/A
 Non Linear Limit 40
 Slope/Intercept Corr. 1/0
 Qualitative Report OFF

Calib. Conditions (option 1: K-factor)

Calibration Factor: 1.158, 3 Reps
 Stability (days) N/A
 Calibrator, Conc. N/A
 R-Blank Limit (mAbs) ***
 Cal. Reps Range (%) N/A
 Min. Cal. Resp. (mAbs) N/A
 Cal. Factor Change (%) N/A
 M-Point Curve Fit (%) N/A
 Auto R-Blank by Bottle ON

Calib. Conditions (option 2: calibrator)

Calibration 1 Point, Linear, 3 Reps
 Stability (days) 14
 Calibrator, Conc. Autocal H, *
 R-Blank Limit (mAbs) ***
 Cal. Reps Range (%) ***
 Min. Cal. Resp. (mAbs) ***
 Cal. Factor Change (%) ***
 M-Point Curve Fit (%) N/A
 Auto R-Blank by Bottle ON

Note:

* see the lot-assigned value
 ** user defined
 *** optional
 N/A not applicable

Analyzer: Ilab 600 - 650Application: **GLUCOSE FL** - Code GL F400 / 100F / 150F CH

Preparation: R1 - LIQUID READY TO USE SINGLE REAGENT

Storage: REFRIGERATE AT 2-8°C

Stability: AS INDICATED IN THE LABEL

| Photometric Test Parameters | Serum | Urine |
|------------------------------------|---------------|---------------|
| Test no. | ** | ** |
| Test Name, Test Code | GLUC | GLUC UR |
| Sample Type | Serum | Urine |
| Reporting Units, Dec. Points | mg/dL, 0 | mg/dL, 0 |
| Reaction Cycle | Standard | Standard |
| Twin Analysis | OFF | OFF |
| Method. Type, Meas. Point | End Point, 33 | End Point, 33 |
| Photometric Methodology | 2 Wavelength | 2 Wavelength |
| Primary/Secondary Wav. | 510/660 | 510/660 |

Sampling Conditions

| | | | |
|----------------------------------|----------------|------------|-----|
| <i>Sampling 1</i> | Smp. Vol. | 3 | 3 |
| | Smp./Dil. Vol. | 0/0 | 0/0 |
| <i>Sampling 2</i> | Smp.Vol. | 2 | 2 |
| | Smp./Dil.Vol. | 0/0 | 0/0 |
| <i>Sampling 3 and Sampling 4</i> | | *** | *** |
| Diluent Code | Water | Water | |
| Diluent Warning Limit | N/A | N/A | |
| First Run | Sampling 1 | Sampling 1 | |
| Below/Above Normal Range | *** | *** | |
| Panic L | *** | *** | |
| Panic H | Sampling 2 | Sampling 2 | |
| Noise | *** | *** | |
| Prozone | N/A | N/A | |
| HIGH!, ABS | Sampling 2 | Sampling 2 | |

Reagent Volumes

| | | | |
|----|----------------------|------------|------------|
| R1 | Code | ** | ** |
| | Rgt/Dil. Vol., Stir. | 300/0, yes | 300/0, yes |
| | Low Vol. W/ Limit | *** | *** |
| | Stability (days) | 14 | 14 |
| R2 | Code | N/A | N/A |
| | Rgt/Dil. Vol., Stir. | N/A | N/A |
| | Low Vol. W/ Limit | N/A | N/A |
| | Stability (days) | N/A | N/A |

| Ranges and Eval. Criteria | Serum | Urine |
|----------------------------------|--------------|--------------|
| Normal range-Male | 60 - 110 | ** |
| Normal range-Female | 60 - 110 | ** |
| Normal range-Other | ** | ** |
| Valid Range | 10 - 500 | 10 - 500 |
| Hem./Icterus/Lip. Lmt. | *** | *** |
| Reaction Slope | Positive | Positive |
| Absorbance Limit, | Above, 3500 | Above, 3500 |
| Prozone Limit | N/A | N/A |
| Non Linear Limit | N/A | N/A |
| Slope/Intercept Corr. | 1/0 | 1/0 |
| Qualitative Report | OFF | OFF |

Calibration Conditions

| | | |
|------------------------|----------------------------|--|
| Calibration | 1 Point, Linear, 3 Reps | K-Accept, Partner**, Coeff: 1, 3 Reps |
| Stability (days) | 10 | N/A |
| Calibrator, Conc. | Autocal H, * | N/A |
| R-Blank Limit (mAbs) | *** | *** |
| Cal. Reps Range (%) | *** | N/A |
| Min. Cal. Resp. (mAbs) | *** | N/A |
| Cal. Factor Change (%) | *** | N/A |
| M-Point Curve Fit (%) | N/A | N/A |
| Auto R-Blank by Bottle | ON | ON |

Note:

* see the lot-assigned value

** user defined

*** optional

N/A not applicable

Analyzer: Ilab 600 - 650

Application: **GLUCOSE UV FL - Code GL F601 CH**
 Preparation: R1 - INSTALL LIQUID READY TO USE REAGENT A
 R2 - INSTALL LIQUID READY TO USE REAGENT B
 Storage: REFRIGERATE AT 2-8°C
 Stability: AS INDICATED IN THE LABEL

| Photometric Test Parameters | Serum | Urine |
|------------------------------------|---------------|---------------|
| Test no. | ** | ** |
| Test Name, Test Code | GLUC | GLUC UR |
| Sample Type | Serum | Urine |
| Reporting Units, Dec. Points | mg/dL, 0 | mg/dL, 0 |
| Reaction Cycle | Standard | Standard |
| Twin Analysis | OFF | OFF |
| Method. Type, Meas. Point | End Point, 33 | End Point, 33 |
| Photometric Methodology | 2 Wavelength | 2 Wavelength |
| Primary/Secondary Wav. | 340/660 | 340/660 |

Sampling Conditions

| | | | |
|----------------------------------|----------------|------------|-----|
| <i>Sampling 1</i> | Smp. Vol. | 3 | 3 |
| | Smp./Dil. Vol. | 0/0 | 0/0 |
| <i>Sampling 2</i> | Smp.Vol. | 2 | 2 |
| | Smp./Dil.Vol. | 0/0 | 0/0 |
| <i>Sampling 3 and Sampling 4</i> | | *** | *** |
| Diluent Code | Water | Water | |
| Diluent Warning Limit | N/A | N/A | |
| First Run | Sampling 1 | Sampling 1 | |
| Below/Above Normal Range | *** | *** | |
| Panic L | *** | *** | |
| Panic H | Sampling 2 | Sampling 2 | |
| Noise | *** | *** | |
| Prozone | N/A | N/A | |
| HIGH!, ABS | Sampling 2 | Sampling 2 | |

Reagent Volumes

| | | | |
|----|----------------------|------------|------------|
| R1 | Code | ** | ** |
| | Rgt/Dil. Vol., Stir. | 240/0, yes | 240/0, yes |
| | Low Vol. W/ Limit | *** | *** |
| | Stability (days) | 14 | 14 |
| R2 | Code | ** | ** |
| | Rgt/Dil. Vol., Stir. | 60/0, yes | 60/0, yes |
| | Low Vol. W/ Limit | *** | *** |
| | Stability (days) | 14 | 14 |

| Ranges and Eval. Criteria | Serum | Urine |
|----------------------------------|--------------|--------------|
| Normal range-Male | 60 - 110 | ** |
| Normal range-Female | 60 - 110 | ** |
| Normal range-Other | ** | ** |
| Valid Range | 10 - 500 | 10 - 700 |
| Hem./Icterus/Lip. Lmt. | *** | *** |
| Reaction Slope | Positive | Positive |
| Absorbance Limit, | Above, 3500 | Above, 3500 |
| Prozone Limit | N/A | N/A |
| Non Linear Limit | N/A | N/A |
| Slope/Intercept Corr. | 1/0 | 1/0 |
| Qualitative Report | OFF | OFF |

Calibration Conditions

| | | |
|------------------------|-------------------------|---------------------------------------|
| Calibration | 1 Point, Linear, 3 Reps | K-Accept, Partner**, Coeff: 1, 3 Reps |
| Stability (days) | 10 | N/A |
| Calibrator, Conc. | Autocal H, * | N/A |
| R-Blank Limit (mAbs) | *** | *** |
| Cal. Reps Range (%) | *** | N/A |
| Min. Cal. Resp. (mAbs) | *** | N/A |
| Cal. Factor Change (%) | *** | N/A |
| M-Point Curve Fit (%) | N/A | N/A |
| Auto R-Blank by Bottle | ON | ON |

Note:

* see the lot-assigned value
 ** user defined
 *** optional
 N/A not applicable

Analyzer: Ilab 600 - 650

Application: **GOT/AST FL** - Codes GO F080 / F245 / F400 / F600 CH
 Preparation: R1 - INSTALL LIQUID READY TO USE REAGENT A
 R2 - INSTALL LIQUID READY TO USE REAGENT B
 Storage: REFRIGERATE AT 2-8°C
 Stability: AS INDICATED IN THE LABEL

| <i>Photometric Test Parameters</i> | <i>Serum</i> |
|------------------------------------|--------------|
| Test no. | ** |
| Test Name, Test Code | GOT |
| Sample Type | Serum |
| Reporting Units, Dec. Points | U/L, 0 |
| Reaction Cycle | Standard |
| Twin Analysis | OFF |
| Method. Type, Meas. Point | Rate, 21/27 |
| Photometric Methodology | 1 Wavelength |
| Primary/Secondary Wav. | 340 |

Sampling Conditions

| | | |
|----------------------------------|----------------|-----|
| <i>Sampling 1</i> | Smp. Vol. | 30 |
| | Smp./Dil. Vol. | 0/0 |
| <i>Sampling 2</i> | Smp.Vol. | 15 |
| | Smp./Dil.Vol. | 0/0 |
| <i>Sampling 3 and Sampling 4</i> | | *** |
| Diluent Code | Water | |
| Diluent Warning Limit | N/A | |
| First Run | Sampling 1 | |
| Below/Above Normal Range | *** | |
| Panic L | *** | |
| Panic H | Sampling 2 | |
| Noise | *** | |
| Prozone | N/A | |
| HIGH!, ABS | Sampling 2 | |

Reagent Volumes

| | | |
|----|----------------------|------------|
| R1 | Code | ** |
| | Rgt/Dil. Vol., Stir. | 240/0, yes |
| | Low Vol. W/ Limit | *** |
| | Stability (days) | 14 |
| R2 | Code | ** |
| | Rgt/Dil. Vol., Stir. | 60/0, yes |
| | Low Vol. W/ Limit | *** |
| | Stability (days) | 14 |

| <i>Ranges and Eval. Criteria</i> | <i>Serum</i> |
|----------------------------------|--------------|
| Normal range-Male | 0 - 40 |
| Normal range-Female | 0 - 31 |
| Normal range-Other | ** |
| Valid Range | 2 - 400 |
| Hem./Icterus/Lip. Lmt. | *** |
| Reaction Slope | Negative |
| Absorbance Limit, | Below, 2000 |
| Prozone Limit | N/A |
| Non Linear Limit | 40 |
| Slope/Intercept Corr. | 1/0 |
| Qualitative Report | OFF |

Calib. Conditions (option 1: K-factor)

| | |
|------------------------|------------------------|
| Calibration | Factor: -1.746, 3 Reps |
| Stability (days) | N/A |
| Calibrator, Conc. | N/A |
| R-Blank Limit (mAbs) | *** |
| Cal. Reps Range (%) | N/A |
| Min. Cal. Resp. (mAbs) | N/A |
| Cal. Factor Change (%) | N/A |
| M-Point Curve Fit (%) | N/A |
| Auto R-Blank by Bottle | ON |

Calib. Conditions (option 2: calibrator)

| | |
|------------------------|-------------------------|
| Calibration | 1 Point, Linear, 3 Reps |
| Stability (days) | 14 |
| Calibrator, Conc. | Autocal H, * |
| R-Blank Limit (mAbs) | *** |
| Cal. Reps Range (%) | *** |
| Min. Cal. Resp. (mAbs) | *** |
| Cal. Factor Change (%) | *** |
| M-Point Curve Fit (%) | N/A |
| Auto R-Blank by Bottle | ON |

Note:

* see the lot-assigned value
 ** user defined
 *** optional
 N/A not applicable

Analyzer: Ilab 600 - 650

Application: **GPT/ALT FL** - Codes GP F080 / F245 / F400 / F600 CH
 Preparation: R1 - INSTALL LIQUID READY TO USE REAGENT A
 R2 - INSTALL LIQUID READY TO USE REAGENT B
 Storage: REFRIGERATE AT 2-8°C
 Stability: AS INDICATED IN THE LABEL

| Photometric Test Parameters | Serum |
|------------------------------------|--------------|
| Test no. | ** |
| Test Name, Test Code | GPT |
| Sample Type | Serum |
| Reporting Units, Dec. Points | U/L, 0 |
| Reaction Cycle | Standard |
| Twin Analysis | OFF |
| Method. Type, Meas. Point | Rate, 21/27 |
| Photometric Methodology | 1 Wavelength |
| Primary/Secondary Wav. | 340 |

Sampling Conditions

| | | |
|----------------------------------|----------------|-----|
| <i>Sampling 1</i> | Smp. Vol. | 30 |
| | Smp./Dil. Vol. | 0/0 |
| <i>Sampling 2</i> | Smp.Vol. | 15 |
| | Smp./Dil.Vol. | 0/0 |
| <i>Sampling 3 and Sampling 4</i> | | *** |
| Diluent Code | Water | |
| Diluent Warning Limit | N/A | |
| First Run | Sampling 1 | |
| Below/Above Normal Range | *** | |
| Panic L | *** | |
| Panic H | Sampling 2 | |
| Noise | *** | |
| Prozone | N/A | |
| HIGH!, ABS | Sampling 2 | |

Reagent Volumes

| | | |
|----|----------------------|------------|
| R1 | Code | ** |
| | Rgt/Dil. Vol., Stir. | 240/0, yes |
| | Low Vol. W/ Limit | *** |
| | Stability (days) | 14 |
| R2 | Code | ** |
| | Rgt/Dil. Vol., Stir. | 60/0, yes |
| | Low Vol. W/ Limit | *** |
| | Stability (days) | 14 |

| Ranges and Eval. Criteria | Serum |
|----------------------------------|--------------|
| Normal range-Male | 0 - 42 |
| Normal range-Female | 0 - 32 |
| Normal range-Other | ** |
| Valid Range | 2 - 400 |
| Hem./Icterus/Lip. Lmt. | *** |
| Reaction Slope | Negative |
| Absorbance Limit, | Below, 2000 |
| Prozone Limit | N/A |
| Non Linear Limit | 40 |
| Slope/Intercept Corr. | 1/0 |
| Qualitative Report | OFF |

Calib. Conditions (option 1: K-factor)

| | |
|------------------------|------------------------|
| Calibration | Factor: -1.746, 3 Reps |
| Stability (days) | N/A |
| Calibrator, Conc. | N/A |
| R-Blank Limit (mAbs) | *** |
| Cal. Reps Range (%) | N/A |
| Min. Cal. Resp. (mAbs) | N/A |
| Cal. Factor Change (%) | N/A |
| M-Point Curve Fit (%) | N/A |
| Auto R-Blank by Bottle | ON |

Calib. Conditions (option 2: calibrator)

| | |
|------------------------|-------------------------|
| Calibration | 1 Point, Linear, 3 Reps |
| Stability (days) | 14 |
| Calibrator, Conc. | Autocal H, * |
| R-Blank Limit (mAbs) | *** |
| Cal. Reps Range (%) | *** |
| Min. Cal. Resp. (mAbs) | *** |
| Cal. Factor Change (%) | *** |
| M-Point Curve Fit (%) | N/A |
| Auto R-Blank by Bottle | ON |

Note:

* see the lot-assigned value
 ** user defined
 *** optional
 N/A not applicable

Analyzer: Ilab 600 - 650

Application: **IRON FZ** - Code FE F245 / F400 CH
 Preparation: R1 - USE LIQUID READY TO USE REAGENT A
 R2 - INSTALL LIQUID READY TO USE REAGENT B (preparation: read insert sheet)
 Storage: REFRIGERATE AT 2-8°C
 Stability: AS INDICATED IN THE LABEL

Photometric Test Parameters

Serum

Test no. **
 Test Name, Test Code IRON
 Sample Type Serum
 Reporting Units, Dec. Points microg/dl, 1
 Reaction Cycle Standard
 Twin Analysis OFF
 Method. Type, Meas. Point End Point, 16/33
 Photometric Methodology 2 Wavelength
 Primary/Secondary Wav. 600/700

Sampling Conditions

Sampling 1 Smp. Vol. 40
 Smp./Dil. Vol. 0/0
Sampling 2 Smp.Vol. 20
 Smp./Dil.Vol. 0/0
Sampling 3 and Sampling 4 ***
 Diluent Code Water
 Diluent Warning Limit N/A
 First Run Sampling 1
 Below/Above Normal Range ***
 Panic L ***
 Panic H Sampling 2
 Noise ***
 Prozone N/A
 HIGH!, ABS Sampling 2

Reagent Volumes

R1 Code **
 Rgt/Dil. Vol., Stir. 240/0, yes
 Low Vol. W/ Limit ***
 Stability (days) 15
 R2 Code **
 Rgt/Dil. Vol., Stir. 60/0, yes
 Low Vol. W/ Limit ***
 Stability (days) 15

Ranges and Eval. Criteria

Serum

Normal range-Male 59 - 158
 Normal range-Female 37 - 145
 Normal range-Other **
 Valid Range 5 - 1000
 Hem./Icterus/Lip. Lmt. ***
 Reaction Slope Positive
 Absorbance Limit, Above, 3500
 Prozone Limit N/A
 Non Linear Limit N/A
 Slope/Intercept Corr. 1/0
 Qualitative Report OFF

Calibration Conditions

Calibration 1 Point, Linear, 3 Reps
 Stability (days) 10
 Calibrator, Conc. Autocal H, *
 R-Blank Limit (mAbs) ***
 Cal. Reps Range (%) ***
 Min. Cal. Resp. (mAbs) ***
 Cal. Factor Change (%) ***
 M-Point Curve Fit (%) N/A
 Auto R-Blank by Bottle ON

Note:

* see the lot-assigned value
 ** user defined
 *** optional
 N/A not applicable

Analyzer: Ilab 600 - 650

Application: **LDH FL** - Codes LD F060 / F120 / F245 CH
 Preparation: R1 - INSTALL LIQUID READY TO USE REAGENT A
 R2 - INSTALL LIQUID READY TO USE REAGENT B
 Storage: REFRIGERATE AT 2-8°C
 Stability: AS INDICATED IN THE LABEL

| <i>Photometric Test Parameters</i> | <i>Serum</i> |
|------------------------------------|--------------|
| Test no. | ** |
| Test Name, Test Code | LDH |
| Sample Type | Serum |
| Reporting Units, Dec. Points | U/L, 0 |
| Reaction Cycle | Standard |
| Twin Analysis | OFF |
| Method. Type, Meas. Point | Rate, 21/27 |
| Photometric Methodology | 1 Wavelength |
| Primary/Secondary Wav. | 340 |

Sampling Conditions

| | | |
|----------------------------------|----------------|-----|
| <i>Sampling 1</i> | Smp. Vol. | 3 |
| | Smp./Dil. Vol. | 0/0 |
| <i>Sampling 2</i> | Smp.Vol. | 2 |
| | Smp./Dil.Vol. | 0/0 |
| <i>Sampling 3 and Sampling 4</i> | | *** |
| Diluent Code | Water | |
| Diluent Warning Limit | N/A | |
| First Run | Sampling 1 | |
| Below/Above Normal Range | *** | |
| Panic L | *** | |
| Panic H | Sampling 2 | |
| Noise | *** | |
| Prozone | N/A | |
| HIGH!, ABS | Sampling 2 | |

Reagent Volumes

| | | |
|----|----------------------|------------|
| R1 | Code | ** |
| | Rgt/Dil. Vol., Stir. | 240/0, yes |
| | Low Vol. W/ Limit | *** |
| | Stability (days) | 14 |
| R2 | Code | ** |
| | Rgt/Dil. Vol., Stir. | 60/0, yes |
| | Low Vol. W/ Limit | *** |
| | Stability (days) | 14 |

| <i>Ranges and Eval. Criteria</i> | <i>Serum</i> |
|----------------------------------|--------------|
| Normal range-Male | 225 - 450 |
| Normal range-Female | 225 - 450 |
| Normal range-Other | ** |
| Valid Range | 10 - 4000 |
| Hem./Icterus/Lip. Lmt. | *** |
| Reaction Slope | Negative |
| Absorbance Limit, | Below, 300 |
| Prozone Limit | N/A |
| Non Linear Limit | 40 |
| Slope/Intercept Corr. | 1/0 |
| Qualitative Report | OFF |

Calib. Conditions (option 1: K-factor)

| | |
|------------------------|-------------------------|
| Calibration | Factor: -16.030, 3 Reps |
| Stability (days) | N/A |
| Calibrator, Conc. | N/A |
| R-Blank Limit (mAbs) | *** |
| Cal. Reps Range (%) | N/A |
| Min. Cal. Resp. (mAbs) | N/A |
| Cal. Factor Change (%) | N/A |
| M-Point Curve Fit (%) | N/A |
| Auto R-Blank by Bottle | ON |

Calib. Conditions (option 2: calibrator)

| | |
|------------------------|-------------------------|
| Calibration | 1 Point, Linear, 3 Reps |
| Stability (days) | 14 |
| Calibrator, Conc. | Autocal H, * |
| R-Blank Limit (mAbs) | *** |
| Cal. Reps Range (%) | *** |
| Min. Cal. Resp. (mAbs) | *** |
| Cal. Factor Change (%) | *** |
| M-Point Curve Fit (%) | N/A |
| Auto R-Blank by Bottle | ON |

Note:

* see the lot-assigned value
 ** user defined
 *** optional
 N/A not applicable

Analyzer: Ilab 600 - 650

Application: **LIPASE FL** - Code LP F060 CH
 Preparation: R1 - INSTALL LIQUID READY TO USE REAGENT A
 R2 - INSTALL LIQUID READY TO USE REAGENT B
 Storage: REFRIGERATE AT 2-8°C
 Stability: AS INDICATED IN THE LABEL

| <i>Photometric Test Parameters</i> | <i>Serum</i> |
|------------------------------------|--------------|
| Test no. | ** |
| Test Name, Test Code | LIP |
| Sample Type | Serum |
| Reporting Units, Dec. Points | U/L, 0 |
| Reaction Cycle | Standard |
| Twin Analysis | OFF |
| Method. Type, Meas. Point | Rate, 21/31 |
| Photometric Methodology | 1 Wavelength |
| Primary/Secondary Wav. | 570 |

Sampling Conditions

| | | |
|----------------------------------|----------------|-----|
| <i>Sampling 1</i> | Smp. Vol. | 3 |
| | Smp./Dil. Vol. | 0/0 |
| <i>Sampling 2</i> | Smp.Vol. | 2 |
| | Smp./Dil.Vol. | 0/0 |
| <i>Sampling 3 and Sampling 4</i> | | *** |
| Diluent Code | Water | |
| Diluent Warning Limit | N/A | |
| First Run | Sampling 1 | |
| Below/Above Normal Range | *** | |
| Panic L | *** | |
| Panic H | Sampling 2 | |
| Noise | *** | |
| Prozone | N/A | |
| HIGH!, ABS | Sampling 2 | |

Reagent Volumes

| | | |
|----|----------------------|------------|
| R1 | Code | ** |
| | Rgt/Dil. Vol., Stir. | 240/0, yes |
| | Low Vol. W/ Limit | *** |
| | Stability (days) | 14 |
| R2 | Code | ** |
| | Rgt/Dil. Vol., Stir. | 60/0, yes |
| | Low Vol. W/ Limit | *** |
| | Stability (days) | 14 |

| <i>Ranges and Eval. Criteria</i> | <i>Serum</i> |
|----------------------------------|--------------|
| Normal range-Male | 0 - 63 |
| Normal range-Female | 0 - 63 |
| Normal range-Other | ** |
| Valid Range | 1 - 250 |
| Hem./Icterus/Lip. Lmt. | *** |
| Reaction Slope | Positive |
| Absorbance Limit, | Above, 4000 |
| Prozone Limit | N/A |
| Non Linear Limit | 40 |
| Slope/Intercept Corr. | 1/0 |
| Qualitative Report | OFF |

Calib. Conditions

| | |
|------------------------|-------------------------|
| Calibration | 1 Point, Linear, 3 Reps |
| Stability (days) | 14 |
| Calibrator, Conc. | LIP Calib, * |
| R-Blank Limit (mAbs) | *** |
| Cal. Reps Range (%) | *** |
| Min. Cal. Resp. (mAbs) | *** |
| Cal. Factor Change (%) | *** |
| M-Point Curve Fit (%) | N/A |
| Auto R-Blank by Bottle | ON |

Note:

* see the lot-assigned value
 ** user defined
 *** optional
 N/A not applicable

Analyzer: Ilab 600 - 650

Application: **MAGNESIUM** - Code MG 0200 / 0500 CH
 Preparation: R1 - INSTALL LIQUID READY TO USE REAGENT B
 R2 - INSTALL LIQUID READY TO USE REAGENT A
 Storage: ROOM TEMPERATURE OR REFRIGERATE (2-30°C)
 Stability: AS INDICATED IN THE LABEL

| <i>Photometric Test Parameters</i> | <i>Serum</i> | <i>Urine</i> |
|------------------------------------|---------------|---------------|
| Test no. | ** | ** |
| Test Name, Test Code | MG | MG UR |
| Sample Type | Serum | Urine |
| Reporting Units, Dec. Points | mEq/L, 2 | mEq/L, 1 |
| Reaction Cycle | Standard | Standard |
| Twin Analysis | OFF | OFF |
| Method. Type, Meas. Point | End Point, 28 | End Point, 28 |
| Photometric Methodology | 2 Wavelength | 2 Wavelength |
| Primary/Secondary Wav. | 510/660 | 510/660 |

Sampling Conditions

| | | | |
|----------------------------------|----------------|------------|-------|
| <i>Sampling 1</i> | Smp. Vol. | 4 | 4 |
| | Smp./Dil. Vol. | 0/0 | 50/50 |
| <i>Sampling 2</i> | Smp.Vol. | 2 | 4 |
| | Smp./Dil.Vol. | 0/0 | 10/90 |
| <i>Sampling 3 and Sampling 4</i> | | *** | *** |
| Diluent Code | Water | Water | |
| Diluent Warning Limit | N/A | N/A | |
| First Run | Sampling 1 | Sampling 1 | |
| Below/Above Normal Range | *** | *** | |
| Panic L | *** | *** | |
| Panic H | Sampling 2 | Sampling 2 | |
| Noise | *** | *** | |
| Prozone | N/A | N/A | |
| HIGH!, ABS | Sampling 2 | Sampling 2 | |

Reagent Volumes

| | | | |
|----|----------------------|------------|------------|
| R1 | Code | ** | ** |
| | Rgt/Dil. Vol., Stir. | 200/0, yes | 200/0, yes |
| | Low Vol. W/ Limit | *** | *** |
| | Stability (days) | 10 | 10 |
| R2 | Code | ** | ** |
| | Rgt/Dil. Vol., Stir. | 200/0, yes | 200/0, yes |
| | Low Vol. W/ Limit | *** | *** |
| | Stability (days) | 10 | 10 |

| <i>Ranges and Eval. Criteria</i> | <i>Serum</i> | <i>Urine</i> |
|----------------------------------|--------------|--------------|
| Normal range-Male | 1.30 - 2.10 | ** |
| Normal range-Female | 1.30 - 2.10 | ** |
| Normal range-Other | ** | ** |
| Valid Range | 0.10 - 8.00 | 0.1 - 15.0 |
| Hem./Icterus/Lip. Lmt. | *** | *** |
| Reaction Slope | Positive | Positive |
| Absorbance Limit, | Above, 4000 | Above, 4000 |
| Prozone Limit | N/A | N/A |
| Non Linear Limit | N/A | N/A |
| Slope/Intercept Corr. | 1/0 | 1/0 |
| Qualitative Report | OFF | OFF |

Calibration Conditions

| | | |
|------------------------|-------------------------|---------------------------------------|
| Calibration | 1 Point, Linear, 3 Reps | K-Accept, Partner**, Coeff: 2, 3 Reps |
| Stability (days) | 3 | N/A |
| Calibrator, Conc. | Autocal H, * | N/A |
| R-Blank Limit (mAbs) | *** | *** |
| Cal. Reps Range (%) | *** | N/A |
| Min. Cal. Resp. (mAbs) | *** | N/A |
| Cal. Factor Change (%) | *** | N/A |
| M-Point Curve Fit (%) | N/A | N/A |
| Auto R-Blank by Bottle | ON | ON |

Note:

* see the lot-assigned value
 ** user defined
 *** optional
 N/A not applicable

Analyzer: Ilab 600 - 650

Application: **MAGNESIUM XL** - Codes MX 0300 / 0500 CH
 Preparation: R1 - LIQUID READY TO USE SINGLE REAGENT
 Storage: REFRIGERATE (2-8°C)
 Stability: AS INDICATED IN THE LABEL

| <i>Photometric Test Parameters</i> | <i>Serum</i> | <i>Urine</i> |
|------------------------------------|---------------|---------------|
| Test no. | ** | ** |
| Test Name, Test Code | MX | MX UR |
| Sample Type | Serum | Urine |
| Reporting Units, Dec. Points | mEq/L, 2 | mEq/L, 1 |
| Reaction Cycle | Standard | Standard |
| Twin Analysis | OFF | OFF |
| Method. Type, Meas. Point | End Point, 30 | End Point, 30 |
| Photometric Methodology | 2 Wavelength | 2 Wavelength |
| Primary/Secondary Wav. | 546/660 | 546/660 |

Sampling Conditions

| | | | |
|----------------------------------|----------------|------------|-------|
| <i>Sampling 1</i> | Smp. Vol. | 3 | 3 |
| | Smp./Dil. Vol. | 0/0 | 20/80 |
| <i>Sampling 2</i> | Smp.Vol. | 3 | 3 |
| | Smp./Dil.Vol. | 0/0 | 10/90 |
| <i>Sampling 3 and Sampling 4</i> | | *** | *** |
| Diluent Code | Water | Water | |
| Diluent Warning Limit | N/A | N/A | |
| First Run | Sampling 1 | Sampling 1 | |
| Below/Above Normal Range | *** | *** | |
| Panic L | *** | *** | |
| Panic H | Sampling 2 | Sampling 2 | |
| Noise | *** | *** | |
| Prozone | N/A | N/A | |
| HIGH!, ABS | Sampling 2 | Sampling 2 | |

Reagent Volumes

| | | | |
|----|----------------------|------------|------------|
| R1 | Code | ** | ** |
| | Rgt/Dil. Vol., Stir. | 300/0, yes | 300/0, yes |
| | Low Vol. W/ Limit | *** | *** |
| | Stability (days) | 30 | 30 |
| R2 | Code | N/A | N/A |
| | Rgt/Dil. Vol., Stir. | N/A | N/A |
| | Low Vol. W/ Limit | N/A | N/A |
| | Stability (days) | N/A | N/A |

| <i>Ranges and Eval. Criteria</i> | <i>Serum</i> | <i>Urine</i> |
|----------------------------------|--------------|--------------|
| Normal range-Male | 1.30 - 2.10 | ** |
| Normal range-Female | 1.30 - 2.10 | ** |
| Normal range-Other | ** | ** |
| Valid Range | 0.30 - 6.00 | 0.3 - 15.0 |
| Hem./Icterus/Lip. Lmt. | *** | *** |
| Reaction Slope | Positive | Positive |
| Absorbance Limit, | Above, 4000 | Above, 4000 |
| Prozone Limit | N/A | N/A |
| Non Linear Limit | N/A | N/A |
| Slope/Intercept Corr. | 1/0 | 1/0 |
| Qualitative Report | OFF | OFF |

Calibration Conditions

| | | |
|------------------------|-------------------------|---------------------------------------|
| Calibration | 1 Point, Linear, 3 Reps | K-Accept, Partner**, Coeff: 2, 3 Reps |
| Stability (days) | 3 | N/A |
| Calibrator, Conc. | Autocal H, * | N/A |
| R-Blank Limit (mAbs) | *** | *** |
| Cal. Reps Range (%) | *** | N/A |
| Min. Cal. Resp. (mAbs) | *** | N/A |
| Cal. Factor Change (%) | *** | N/A |
| M-Point Curve Fit (%) | N/A | N/A |
| Auto R-Blank by Bottle | ON | ON |

Note:

* see the lot-assigned value
 ** user defined
 *** optional
 N/A not applicable

Analyzer: Ilab 600 - 650

Application: **PHOSPHORUS** - Code PH 0100 / 0500 CH
 Preparation: R1 - LIQUID READY TO USE SINGLE REAGENT
 Storage: REFRIGERATE AT 2-8°C
 Stability: AS INDICATED IN THE LABEL

| <i>Photometric Test Parameters</i> | <i>Serum</i> | <i>Urine</i> |
|------------------------------------|---------------|---------------|
| Test no. | ** | ** |
| Test Name, Test Code | PHOS | PHOS UR |
| Sample Type | Serum | Urine |
| Reporting Units, Dec. Points | mg/dL, 1 | mg/dL, 0 |
| Reaction Cycle | Standard | Standard |
| Twin Analysis | OFF | OFF |
| Method. Type, Meas. Point | End Point, 33 | End Point, 33 |
| Photometric Methodology | 2 Wavelength | 2 Wavelength |
| Primary/Secondary Wav. | 340/375 | 340/375 |

Sampling Conditions

| | | | |
|----------------------------------|----------------|------------|-------|
| <i>Sampling 1</i> | Smp. Vol. | 3 | 3 |
| | Smp./Dil. Vol. | 0/0 | 10/90 |
| <i>Sampling 2</i> | Smp.Vol. | 2 | 3 |
| | Smp./Dil.Vol. | 0/0 | 5/95 |
| <i>Sampling 3 and Sampling 4</i> | | *** | *** |
| Diluent Code | Water | Water | |
| Diluent Warning Limit | N/A | N/A | |
| First Run | Sampling 1 | Sampling 1 | |
| Below/Above Normal Range | *** | *** | |
| Panic L | *** | *** | |
| Panic H | Sampling 2 | Sampling 2 | |
| Noise | *** | *** | |
| Prozone | N/A | N/A | |
| HIGH!, ABS | Sampling 2 | Sampling 2 | |

Reagent Volumes

| | | | |
|----|---------------------|------------|------------|
| R1 | Code | ** | ** |
| | Rgt/Dil. Vol., Stir | 300/0, yes | 300/0, yes |
| | Low Vol. W/ Limit | *** | *** |
| | Stability (days) | 30 | 30 |
| R2 | Code | N/A | N/A |
| | Rgt/Dil. Vol., Stir | N/A | N/A |
| | Low Vol. W/ Limit | N/A | N/A |
| | Stability (days) | N/A | N/A |

| <i>Ranges and Eval. Criteria</i> | <i>Serum</i> | <i>Urine</i> |
|----------------------------------|--------------|--------------|
| Normal range-Male | 3.0 - 4.5 | ** |
| Normal range-Female | 3.0 - 4.5 | ** |
| Normal range-Other | ** | ** |
| Valid Range | 1.0 - 15.0 | 2 - 120 |
| Hem./Icterus/Lip. Lmt. | *** | *** |
| Reaction Slope | Positive | Positive |
| Absorbance Limit, | Above, 4000 | Above, 4000 |
| Prozone Limit | N/A | N/A |
| Non Linear Limit | N/A | N/A |
| Slope/Intercept Corr. | 1/0 | 1/0 |
| Qualitative Report | OFF | OFF |

Calibration Conditions

| | | |
|------------------------|-------------------------|--|
| Calibration | 1 Point, Linear, 3 Reps | K-Accept, Partner**, Coeff: 10, 3 Reps |
| Stability (days) | 10 | N/A |
| Calibrator, Conc. | Autocal H, * | N/A |
| R-Blank Limit (mAbs) | *** | *** |
| Cal. Reps Range (%) | *** | N/A |
| Min. Cal. Resp. (mAbs) | *** | N/A |
| Cal. Factor Change (%) | *** | N/A |
| M-Point Curve Fit (%) | N/A | N/A |
| Auto R-Blank by Bottle | ON | ON |

Note:

* see the lot-assigned value
 ** user defined
 *** optional
 N/A not applicable

Analyzer: Ilab 600 - 650

Application: **PROTEINS HS** - Code HS 0100 / 0500 CH
 Preparation: R1 - LIQUID READY TO USE SINGLE REAGENT
 Storage: ROOM TEMPERATURE OR REFRIGERATE (2-30°C)
 Stability: AS INDICATED IN THE LABEL

| Photometric Test Parameters | Urine |
|------------------------------------|---------------|
| Test no. | ** |
| Test Name, Test Code | HS |
| Sample Type | Urine |
| Reporting Units, Dec. Points | mg/dL, 0 |
| Reaction Cycle | Standard |
| Twin Analysis | OFF |
| Method. Type, Meas. Point | End Point, 33 |
| Photometric Methodology | 2 Wavelength |
| Primary/Secondary Wav. | 600/700 |

Sampling Conditions

| | | |
|----------------------------------|----------------|-----|
| <i>Sampling 1</i> | Smp. Vol. | 2 |
| | Smp./Dil. Vol. | 0/0 |
| <i>Sampling 2</i> | Smp.Vol. | 2 |
| | Smp./Dil.Vol. | 0/0 |
| <i>Sampling 3 and Sampling 4</i> | | *** |
| Diluent Code | Water | |
| Diluent Warning Limit | N/A | |
| First Run | Sampling 1 | |
| Below/Above Normal Range | *** | |
| Panic L | *** | |
| Panic H | Sampling 2 | |
| Noise | *** | |
| Prozone | N/A | |
| HIGH!, ABS | Sampling 2 | |

Reagent Volumes

| | | |
|----|----------------------|------------|
| R1 | Code | ** |
| | Rgt/Dil. Vol., Stir. | 400/0, yes |
| | Low Vol. W/ Limit | *** |
| | Stability (days) | 30 |
| R2 | Code | N/A |
| | Rgt/Dil. Vol., Stir. | N/A |
| | Low Vol. W/ Limit | N/A |
| | Stability (days) | N/A |

| Ranges and Eval. Criteria | Urine |
|----------------------------------|--------------|
| Normal range-Male | 28 - 141 |
| Normal range-Female | 28 - 141 |
| Normal range-Other | ** |
| Valid Range | 10 - 500 |
| Hem./Icterus/Lip. Lmt. | *** |
| Reaction Slope | Positive |
| Absorbance Limit, | Above, 4000 |
| Prozone Limit | N/A |
| Non Linear Limit | N/A |
| Slope/Intercept Corr. | 1/0 |
| Qualitative Report | OFF |

Calibration Conditions

| | |
|------------------------|-------------------------|
| Calibration | 1 Point, Linear, 3 Reps |
| Stability (days) | 10 |
| Calibrator, Conc. | Standard, * |
| R-Blank Limit (mAbs) | *** |
| Cal. Reps Range (%) | *** |
| Min. Cal. Resp. (mAbs) | *** |
| Cal. Factor Change (%) | *** |
| M-Point Curve Fit (%) | N/A |
| Auto R-Blank by Bottle | ON |

Note:

* see the lot-assigned value
 ** user defined
 *** optional
 N/A not applicable

Analyzer: Ilab 600 - 650

Application: **TOTAL PROTEINS** - Codes TP 0100 / 0500 / 1000 / 1500 CH
 Preparation: R1 - LIQUID READY TO USE SINGLE REAGENT
 Storage: ROOM TEMPERATURE OR REFRIGERATE (2-30°C)
 Stability: AS INDICATED IN THE LABEL

Photometric Test Parameters

| | |
|------------------------------|---------------|
| Test no. | ** |
| Test Name, Test Code | TP |
| Sample Type | Serum |
| Reporting Units, Dec. Points | g/dL, 1 |
| Reaction Cycle | Standard |
| Twin Analysis | OFF |
| Method. Type, Meas. Point | End Point, 33 |
| Photometric Methodology | 2 Wavelength |
| Primary/Secondary Wav. | 546/700 |

Sampling Conditions

| | | |
|----------------------------------|----------------|-----|
| <i>Sampling 1</i> | Smp. Vol. | 3 |
| | Smp./Dil. Vol. | 0/0 |
| <i>Sampling 2</i> | Smp.Vol. | 2 |
| | Smp./Dil.Vol. | 0/0 |
| <i>Sampling 3 and Sampling 4</i> | | *** |
| Diluent Code | Water | |
| Diluent Warning Limit | N/A | |
| First Run | Sampling 1 | |
| Below/Above Normal Range | *** | |
| Panic L | *** | |
| Panic H | Sampling 2 | |
| Noise | *** | |
| Prozone | N/A | |
| HIGH!, ABS | Sampling 2 | |

Reagent Volumes

| | | |
|----|----------------------|------------|
| R1 | Code | ** |
| | Rgt/Dil. Vol., Stir. | 300/0, yes |
| | Low Vol. W/ Limit | *** |
| | Stability (days) | 30 |
| R2 | Code | N/A |
| | Rgt/Dil. Vol., Stir. | N/A |
| | Low Vol. W/ Limit | N/A |
| | Stability (days) | N/A |

Ranges and Eval. Criteria

| | |
|------------------------|-------------|
| Normal range-Male | 6.3 - 8.4 |
| Normal range-Female | 6.3 - 8.4 |
| Normal range-Other | ** |
| Valid Range | 0.5 - 12.0 |
| Hem./Icterus/Lip. Lmt. | *** |
| Reaction Slope | Positive |
| Absorbance Limit, | Above, 4000 |
| Prozone Limit | N/A |
| Non Linear Limit | N/A |
| Slope/Intercept Corr. | 1/0 |
| Qualitative Report | OFF |

Calibration Conditions

| | |
|------------------------|-------------------------|
| Calibration | 1 Point, Linear, 3 Reps |
| Stability (days) | 10 |
| Calibrator, Conc. | Autocal H, * |
| R-Blank Limit (mAbs) | *** |
| Cal. Reps Range (%) | *** |
| Min. Cal. Resp. (mAbs) | *** |
| Cal. Factor Change (%) | *** |
| M-Point Curve Fit (%) | N/A |
| Auto R-Blank by Bottle | ON |

Note:

* see the lot-assigned value
 ** user defined
 *** optional
 N/A not applicable

Analyzer: Ilab 600 - 650

Application: **TRIGLYCERIDES FL** - Code TR F100 / F400 / 100F / 150F CH
 Preparation: R1 - LIQUID READY TO USE SINGLE REAGENT
 Storage: REFRIGERATE AT 2-8°C
 Stability: AS INDICATED IN THE LABEL

Photometric Test Parameters

| | <i>Serum</i> |
|------------------------------|---------------|
| Test no. | ** |
| Test Name, Test Code | TRIG |
| Sample Type | Serum |
| Reporting Units, Dec. Points | mg/dL, 0 |
| Reaction Cycle | Standard |
| Twin Analysis | OFF |
| Method. Type, Meas. Point | End Point, 33 |
| Photometric Methodology | 2 Wavelength |
| Primary/Secondary Wav. | 510/660 |

Sampling Conditions

| | | |
|----------------------------------|----------------|-----|
| <i>Sampling 1</i> | Smp. Vol. | 3 |
| | Smp./Dil. Vol. | 0/0 |
| <i>Sampling 2</i> | Smp.Vol. | 2 |
| | Smp./Dil.Vol. | 0/0 |
| <i>Sampling 3 and Sampling 4</i> | | *** |
| Diluent Code | Water | |
| Diluent Warning Limit | N/A | |
| First Run | Sampling 1 | |
| Below/Above Normal Range | *** | |
| Panic L | *** | |
| Panic H | Sampling 2 | |
| Noise | *** | |
| Prozone | N/A | |
| HIGH!, ABS | Sampling 2 | |

Reagent Volumes

| | | |
|----|----------------------|------------|
| R1 | Code | ** |
| | Rgt/Dil. Vol., Stir. | 300/0, yes |
| | Low Vol. W/ Limit | *** |
| | Stability (days) | 60 |
| R2 | Code | N/A |
| | Rgt/Dil. Vol., Stir. | N/A |
| | Low Vol. W/ Limit | N/A |
| | Stability (days) | N/A |

Ranges and Eval. Criteria

| | <i>Serum</i> |
|------------------------|--------------|
| Normal range-Male | 10 - 190 |
| Normal range-Female | 10 - 190 |
| Normal range-Other | ** |
| Valid Range | 2 - 1000 |
| Hem./Icterus/Lip. Lmt. | *** |
| Reaction Slope | Positive |
| Absorbance Limit, | Above, 4000 |
| Prozone Limit | N/A |
| Non Linear Limit | N/A |
| Slope/Intercept Corr. | 1/0 |
| Qualitative Report | OFF |

Calibration Conditions

| | |
|------------------------|-------------------------|
| Calibration | 1 Point, Linear, 3 Reps |
| Stability (days) | 20 |
| Calibrator, Conc. | Autocal H, * |
| R-Blank Limit (mAbs) | *** |
| Cal. Reps Range (%) | *** |
| Min. Cal. Resp. (mAbs) | *** |
| Cal. Factor Change (%) | *** |
| M-Point Curve Fit (%) | N/A |
| Auto R-Blank by Bottle | ON |

Note:

* see the lot-assigned value
 ** user defined
 *** optional
 N/A not applicable

Analyzer: Ilab 600 - 650

Application: **UREA UV FL** - Codes AZ F080 / F245 / F400 / F600 CH

Preparation: R1 - INSTALL LIQUID READY TO USE REAGENT A

R2 - INSTALL LIQUID READY TO USE REAGENT B

Storage: REFRIGERATE AT 2-8°C

Stability: AS INDICATED IN THE LABEL

| <i>Photometric Test Parameters</i> | <i>Serum</i> | <i>Urine</i> |
|------------------------------------|------------------|------------------|
| Test no. | ** | ** |
| Test Name, Test Code | UREA | UREA UR |
| Sample Type | Serum | Urine |
| Reporting Units, Dec. Points | mg/dL, 0 | mg/dL, 0 |
| Reaction Cycle | Standard | Standard |
| Twin Analysis | OFF | OFF |
| Method. Type, Meas. Point | End Point, 19/22 | End Point, 19/22 |
| Photometric Methodology | 1 Wavelength | 1 Wavelength |
| Primary/Secondary Wav. | 340 | 340 |

Sampling Conditions

| | | | |
|----------------------------------|----------------|------------|-------|
| <i>Sampling 1</i> | Smp. Vol. | 3 | 3 |
| | Smp./Dil. Vol. | 0/0 | 8/395 |
| <i>Sampling 2</i> | Smp. Vol. | 10 | 2 |
| | Smp./Dil. Vol. | 0/0 | 4/395 |
| <i>Sampling 3 and Sampling 4</i> | | *** | *** |
| Diluent Code | Water | Water | |
| Diluent Warning Limit | N/A | N/A | |
| First Run | Sampling 1 | Sampling 1 | |
| Below/Above Normal Range | *** | *** | |
| Panic L | *** | *** | |
| Panic H | Sampling 2 | Sampling 2 | |
| Noise | *** | *** | |
| Prozone | N/A | N/A | |
| HIGH!, ABS | Sampling 2 | Sampling 2 | |

Reagent Volumes

| | | | |
|----|----------------------|------------|------------|
| R1 | Code | ** | ** |
| | Rgt/Dil. Vol., Stir. | 240/0, yes | 240/0, yes |
| | Low Vol. W/ Limit | *** | *** |
| | Stability (days) | 14 | 14 |
| R2 | Code | ** | ** |
| | Rgt/Dil. Vol., Stir. | 60/0, yes | 60/0, yes |
| | Low Vol. W/ Limit | *** | *** |
| | Stability (days) | 14 | 14 |

| <i>Ranges and Eval. Criteria</i> | <i>Serum</i> | <i>Urine</i> |
|----------------------------------|--------------|--------------|
| Normal range-Male | 10 - 50 | ** |
| Normal range-Female | 10 - 50 | ** |
| Normal range-Other | ** | ** |
| Valid Range | 2 - 300 | 2 - 10000 |
| Hem./Icterus/Lip. Lmt. | *** | *** |
| Reaction Slope | Negative | Negative |
| Absorbance Limit, | Below, 250 | Below, 250 |
| Prozone Limit | N/A | N/A |
| Non Linear Limit | N/A | N/A |
| Slope/Intercept Corr. | 1/0 | 1/0 |
| Qualitative Report | OFF | OFF |

Calibration Conditions

| | | |
|------------------------|----------------------------|---|
| Calibration | 1 Point, Linear, 3 Reps | K-Accept, Partner**, Coeff: 50, 3 Reps |
| Stability (days) | 10 | N/A |
| Calibrator, Conc. | Autocal H, * | N/A |
| R-Blank Limit (mAbs) | *** | *** |
| Cal. Reps Range (%) | *** | N/A |
| Min. Cal. Resp. (mAbs) | *** | N/A |
| Cal. Factor Change (%) | *** | N/A |
| M-Point Curve Fit (%) | N/A | N/A |
| Auto R-Blank by Bottle | ON | ON |

Note:

- * see the lot-assigned value
- ** user defined
- *** optional
- N/A not applicable

Analyzer: Ilab 600 - 650

Application: **URIC ACID AOX FL** - Codes AX F100 / F250 / F600 CH

Preparation: R1 - INSTALL LIQUID READY TO USE REAGENT A

R2 - INSTALL LIQUID READY TO USE REAGENT B

Storage: REFRIGERATE AT 2-8°C

Stability: AS INDICATED IN THE LABEL

| Photometric Test Parameters | Serum | Urine |
|------------------------------------|---------------|---------------|
| Test no. | ** | ** |
| Test Name, Test Code | AOX | AOX UR |
| Sample Type | Serum | Urine |
| Reporting Units, Dec. Points | mg/dL, 1 | mg/dL, 0 |
| Reaction Cycle | Standard | Standard |
| Twin Analysis | OFF | OFF |
| Method. Type, Meas. Point | End Point, 28 | End Point, 28 |
| Photometric Methodology | 2 Wavelength | 2 Wavelength |
| Primary/Secondary Wav. | 546/660 | 546/660 |

Sampling Conditions

| | | | |
|----------------------------------|----------------|------------|-------|
| <i>Sampling 1</i> | Smp. Vol. | 12 | 12 |
| | Smp./Dil. Vol. | 0/0 | 20/80 |
| <i>Sampling 2</i> | Smp.Vol. | 6 | 12 |
| | Smp./Dil.Vol. | 10/90 | 10/90 |
| <i>Sampling 3 and Sampling 4</i> | | *** | *** |
| Diluent Code | Water | Water | |
| Diluent Warning Limit | N/A | N/A | |
| First Run | Sampling 1 | Sampling 1 | |
| Below/Above Normal Range | *** | *** | |
| Panic L | *** | *** | |
| Panic H | Sampling 2 | Sampling 2 | |
| Noise | *** | *** | |
| Prozone | N/A | N/A | |
| HIGH!, ABS | Sampling 2 | Sampling 2 | |

Reagent Volumes

| | | | |
|----|----------------------|------------|------------|
| R1 | Code | ** | ** |
| | Rgt/Dil. Vol., Stir. | 240/0, yes | 240/0, yes |
| | Low Vol. W/ Limit | *** | *** |
| | Stability (days) | 30 | 30 |
| R2 | Code | ** | ** |
| | Rgt/Dil. Vol., Stir. | 60/0, yes | 60/0, yes |
| | Low Vol. W/ Limit | *** | *** |
| | Stability (days) | 30 | 30 |

| Ranges and Eval. Criteria | Serum | Urine |
|----------------------------------|--------------|--------------|
| Normal range-Male | 3.5 - 7.2 | ** |
| Normal range-Female | 2.6 - 6.0 | ** |
| Normal range-Other | ** | ** |
| Valid Range | 1.0 - 35.0 | 2 - 120 |
| Hem./Icterus/Lip. Lmt. | *** | *** |
| Reaction Slope | Positive | Positive |
| Absorbance Limit, | Above, 4000 | Above, 4000 |
| Prozone Limit | N/A | N/A |
| Non Linear Limit | N/A | N/A |
| Slope/Intercept Corr. | 1/0 | 1/0 |
| Qualitative Report | OFF | OFF |

Calibration Conditions

| | | |
|------------------------|-------------------------|---------------------------------------|
| Calibration | 1 Point, Linear, 3 Reps | K-Accept, Partner**, Coeff: 5, 3 Reps |
| Stability (days) | 10 | N/A |
| Calibrator, Conc. | Autocal H, * | N/A |
| R-Blank Limit (mAbs) | *** | *** |
| Cal. Reps Range (%) | *** | N/A |
| Min. Cal. Resp. (mAbs) | *** | N/A |
| Cal. Factor Change (%) | *** | N/A |
| M-Point Curve Fit (%) | N/A | N/A |
| Auto R-Blank by Bottle | ON | ON |

Note:

* see the lot-assigned value

** user defined

*** optional

N/A not applicable

Analyzer: Ilab 600 - 650

Application: **URIC ACID T FL - Code AU F402 CH**
 Preparation: **R1 - MIX REAGENT A + REAGENT B AS INDICATED IN INSERT SHEET**
 Storage: **REFRIGERATE AT 2-8°C**
 Stability: **90 DAYS**

| <i>Photometric Test Parameters</i> | <i>Serum</i> | <i>Urine</i> |
|------------------------------------|---------------|---------------|
| Test no. | ** | ** |
| Test Name, Test Code | URIC | URIC UR |
| Sample Type | Serum | Urine |
| Reporting Units, Dec. Points | mg/dL, 1 | mg/dL, 0 |
| Reaction Cycle | Standard | Standard |
| Twin Analysis | OFF | OFF |
| Method. Type, Meas. Point | End Point, 28 | End Point, 28 |
| Photometric Methodology | 2 Wavelength | 2 Wavelength |
| Primary/Secondary Wav. | 546/660 | 546/660 |

Sampling Conditions

| | | | |
|----------------------------------|----------------|------------|-------|
| <i>Sampling 1</i> | Smp. Vol. | 12 | 12 |
| | Smp./Dil. Vol. | 0/0 | 20/80 |
| <i>Sampling 2</i> | Smp.Vol. | 6 | 12 |
| | Smp./Dil.Vol. | 10/90 | 10/90 |
| <i>Sampling 3 and Sampling 4</i> | | *** | *** |
| Diluent Code | Water | Water | |
| Diluent Warning Limit | N/A | N/A | |
| First Run | Sampling 1 | Sampling 1 | |
| Below/Above Normal Range | *** | *** | |
| Panic L | *** | *** | |
| Panic H | Sampling 2 | Sampling 2 | |
| Noise | *** | *** | |
| Prozone | N/A | N/A | |
| HIGH!, ABS | Sampling 2 | Sampling 2 | |

Reagent Volumes

| | | | |
|----|----------------------|------------|------------|
| R1 | Code | ** | ** |
| | Rgt/Dil. Vol., Stir. | 300/0, yes | 300/0, yes |
| | Low Vol. W/ Limit | *** | *** |
| | Stability (days) | 30 | 30 |
| R2 | Code | N/A | N/A |
| | Rgt/Dil. Vol., Stir. | N/A | N/A |
| | Low Vol. W/ Limit | N/A | N/A |
| | Stability (days) | N/A | N/A |

| <i>Ranges and Eval. Criteria</i> | <i>Serum</i> | <i>Urine</i> |
|----------------------------------|--------------|--------------|
| Normal range-Male | 3.5 - 7.0 | ** |
| Normal range-Female | 2.4 - 5.7 | ** |
| Normal range-Other | ** | ** |
| Valid Range | 1.0 - 25.0 | 2 - 120 |
| Hem./Icterus/Lip. Lmt. | *** | *** |
| Reaction Slope | Positive | Positive |
| Absorbance Limit, | Above, 4000 | Above, 4000 |
| Prozone Limit | N/A | N/A |
| Non Linear Limit | N/A | N/A |
| Slope/Intercept Corr. | 1/0 | 1/0 |
| Qualitative Report | OFF | OFF |

Calibration Conditions

| | | |
|------------------------|----------------------------|--|
| Calibration | 1 Point, Linear, 3 Reps | K-Accept, Partner**, Coeff: 5, 3 Reps |
| Stability (days) | 10 | N/A |
| Calibrator, Conc. | Autocal H, * | N/A |
| R-Blank Limit (mAbs) | *** | *** |
| Cal. Reps Range (%) | *** | N/A |
| Min. Cal. Resp. (mAbs) | *** | N/A |
| Cal. Factor Change (%) | *** | N/A |
| M-Point Curve Fit (%) | N/A | N/A |
| Auto R-Blank by Bottle | ON | ON |

Note:

* see the lot-assigned value
 ** user defined
 *** optional
 N/A not applicable

Analyzer: Ilab 600 - 650

Application: **ZINC** - Code ZN 0125 CH
 Preparation: R1 - INSTALL LIQUID READY TO USE REAGENT A
 R2 - INSTALL LIQUID READY TO USE REAGENT B
 Storage: REFRIGERATE AT 2-8°C
 Stability: AS INDICATED IN THE LABEL

| <i>Photometric Test Parameters</i> | <i>Serum</i> | <i>Urine</i> |
|------------------------------------|---------------|---------------|
| Test no. | ** | ** |
| Test Name, Test Code | ZN | ZN UR |
| Sample Type | Serum | Urine |
| Reporting Units, Dec. Points | microg/dl, 0 | microg/dl, 0 |
| Reaction Cycle | Standard | Standard |
| Twin Analysis | OFF | OFF |
| Method. Type, Meas. Point | End Point, 28 | End Point, 28 |
| Photometric Methodology | 2 Wavelength | 2 Wavelength |
| Primary/Secondary Wav. | 570/660 | 570/660 |

Sampling Conditions

| | | | |
|----------------------------------|----------------|------------|-----|
| <i>Sampling 1</i> | Smp. Vol. | 15 | 15 |
| | Smp./Dil. Vol. | 0/0 | 0/0 |
| <i>Sampling 2</i> | Smp. Vol. | 5 | 5 |
| | Smp./Dil. Vol. | 0/0 | 0/0 |
| <i>Sampling 3 and Sampling 4</i> | | *** | *** |
| Diluent Code | Water | Water | |
| Diluent Warning Limit | N/A | N/A | |
| First Run | Sampling 1 | Sampling 1 | |
| Below/Above Normal Range | *** | *** | |
| Panic L | *** | *** | |
| Panic H | Sampling 2 | Sampling 2 | |
| Noise | *** | *** | |
| Prozone | N/A | N/A | |
| HIGH!, ABS | Sampling 2 | Sampling 2 | |

Reagent Volumes

| | | | |
|----|----------------------|------------|------------|
| R1 | Code | ** | ** |
| | Rgt/Dil. Vol., Stir. | 240/0, yes | 240/0, yes |
| | Low Vol. W/ Limit | *** | *** |
| | Stability (days) | 30 | 30 |
| R2 | Code | ** | ** |
| | Rgt/Dil. Vol., Stir. | 240/0, yes | 240/0, yes |
| | Low Vol. W/ Limit | *** | *** |
| | Stability (days) | 30 | 30 |

| <i>Ranges and Eval. Criteria</i> | <i>Serum</i> | <i>Urine</i> |
|----------------------------------|--------------|--------------|
| Normal range-Male | 70 - 150 | ** |
| Normal range-Female | 70 - 150 | ** |
| Normal range-Other | ** | ** |
| Valid Range | 1 - 1000 | 1 - 1000 |
| Hem./Icterus/Lip. Lmt. | *** | *** |
| Reaction Slope | Positive | Positive |
| Absorbance Limit, | Above, 4000 | Above, 4000 |
| Prozone Limit | N/A | N/A |
| Non Linear Limit | N/A | N/A |
| Slope/Intercept Corr. | 1/0 | 1/0 |
| Qualitative Report | OFF | OFF |

Calibration Conditions

| | | |
|------------------------|----------------------------|--|
| Calibration | 1 Point, Linear, 3 Reps | K-Accept, Partner**, Coeff: 5, 3 Reps |
| Stability (days) | 3 | N/A |
| Calibrator, Conc. | XXX, * | N/A |
| R-Blank Limit (mAbs) | *** | *** |
| Cal. Reps Range (%) | *** | N/A |
| Min. Cal. Resp. (mAbs) | *** | N/A |
| Cal. Factor Change (%) | *** | N/A |
| M-Point Curve Fit (%) | N/A | N/A |
| Auto R-Blank by Bottle | ON | ON |

Note:

* see the lot-assigned value
 ** user defined
 *** optional
 N/A not applicable