

| Test Code | Test Name                          | Description                             |           |          |  |
|-----------|------------------------------------|---|-----------|----------|--|
| 1G50      | Gestational Diabetes Screen        | GLUCOSE, 1HR PC 50 GRAM LOAD            |           |          |  |
|           | Female                             | mg/dL                                   | Male      | mg/dL    |  |
|           | At Birth:                          | 41-139                                  | At Birth: | 41-139   |  |
| ACETDA    | Acetaminophen                      | TYLENOL, PARACETAMOL, ERTOX             |           |          |  |
|           | Female                             | ug/mL                                   | Male      | ug/mL    |  |
|           | At Birth:                          | 10-30                                   | At Birth: | 10-30    |  |
| AGAP      | Anion Gap (Na Cl CO <sub>2</sub> ) | Anion Gap without Potassium. Appears on |           |          |  |
|           | Female                             | mmol/L                                  | Male      | mmol/L   |  |
|           | At Birth:                          | 3-16                                    | At Birth: | 3-16     |  |
| ALB       | Albumin                            | Albumin Serum/Plasma                    |           |          |  |
|           | Female                             | g/dL                                    | Male      | g/dL     |  |
|           | At Birth:                          | 3.3-4.5                                 | At Birth: | 3.3-4.5  |  |
|           | 2 weeks:                           | 2.8-4.7                                 | 2 weeks:  | 2.8-4.7  |  |
|           | 1 year:                            | 3.1-3.9                                 | 1 year:   | 3.1-3.9  |  |
|           | 4 years:                           | 3.2-4.9                                 | 4 years:  | 3.2-4.9  |  |
|           | 7 years:                           | 3.4-5.3                                 | 7 years:  | 3.4-5.3  |  |
|           | 18 years:                          | 3.5-5.2                                 | 18 years: | 3.5-5.2  |  |
| ALB24     | Albumin /24 h                      |   |           |          |  |
|           | Female                             | mg/d                                    | Male      | mg/d     |  |
|           | 18 years:                          | <30                                     | 18 years: | <30      |  |
| ALBCRE    | Albumin/Creatinine Ratio           | URINE (MICROABLUMIN)                    |           |          |  |
|           | Female                             | mg/g Cre                                | Male      | mg/g Cre |  |
|           | At Birth:                          | 20-390                                  | At Birth: | 20-390   |  |
|           | 2 years:                           | 10-150                                  | 2 years:  | 10-150   |  |
|           | 12 years:                          | 20-50                                   | 12 years: | 20-50    |  |
|           | 18 years:                          | <30                                     | 18 years: | <30      |  |
| ALBMIN    | Albumin ug/minute                  | MICRO ALBUMIN EXCRETION RATE,           |           |          |  |
|           | Female                             | ug/min                                  | Male      | ug/min   |  |
|           | At Birth:                          | 0-20                                    | At Birth: | 0-20     |  |
| ALC       | Alcohol                            | ETOH, BA, ETHANOL, ERTOX                |           |          |  |
|           | Female                             | mg/dL                                   | Male      | mg/dL    |  |
|           | At Birth:                          | <10                                     | At Birth: | <10      |  |
| ALKP      | Alkaline Phosphatase               | ALK PHOS, ALP                           |           |          |  |
|           | Female                             | U/L                                     | Male      | U/L      |  |
|           | At Birth:                          | 83-248                                  | At Birth: | 83-248   |  |
|           | 2 weeks:                           | 122-469                                 | 2 weeks:  | 122-469  |  |
|           | 1 year:                            | 142-335                                 | 1 year:   | 142-335  |  |
|           | 10 years:                          | 129-417                                 | 10 years: | 129-417  |  |
|           | 13 years:                          | 57-254                                  | 13 years: | 116-468  |  |
|           | 15 years:                          | 50-117                                  | 15 years: | 82-331   |  |
|           | 17 years:                          | 45-87                                   | 17 years: | 55-149   |  |
|           | 18 years:                          | 35-104                                  | 18 years: | 40-129   |  |
| ALT       | ALT (SGPT)                         | SGPT, ALANINE AMINOTRANSFERASE          |           |          |  |
|           | Female                             | U/L                                     | Male      | U/L      |  |
|           | At Birth:                          | 5-51                                    | At Birth: | 5-51     |  |
|           | 1 year:                            | 11-30                                   | 1 year:   | 11-30    |  |
|           | 13 years:                          | 8-24                                    | 13 years: | 10-33    |  |
|           | 18 years:                          | 0-40                                    | 18 years: | 0-55     |  |

Description (continued)

| AMM | Ammonia       | NH3, AMON     |               |
|-----|---------------|---------------|---------------|
|     | <b>Female</b> | <b>umol/L</b> | <b>Male</b>   |
|     | At Birth:     | 56-92         | At Birth:     |
|     | 2 weeks:      | 21-50         | 2 weeks:      |
|     | 18 years:     | 9-33          | 18 years:     |
|     |               |               | <b>umol/L</b> |
|     |               |               | 56-92         |
|     |               |               | 21-50         |
|     |               |               | 9-33          |

| AMPHET | Amphetamines  | Amphetamines Urine Screen |             |
|--------|---------------|---------------------------|-------------|
|        | <b>Female</b> |                           | <b>Male</b> |
|        | At Birth:     | NEG                       | At Birth:   |
|        |               |                           | NEG         |

| AMY | Amylase       | ALPHA AMYLASE, SERUM OR PLASMA |             |
|-----|---------------|--------------------------------|-------------|
|     | <b>Female</b> | <b>U/L</b>                     | <b>Male</b> |
|     | At Birth:     | 3-10                           | At Birth:   |
|     | 2 weeks:      | 2-22                           | 2 weeks:    |
|     | 3 months:     | 3-50                           | 3 months:   |
|     | 1 year:       | 25-101                         | 1 year:     |
|     | 18 years:     | 25-125                         | 18 years:   |
|     |               |                                | <b>U/L</b>  |
|     |               |                                | 3-10        |
|     |               |                                | 2-22        |
|     |               |                                | 3-50        |
|     |               |                                | 25-101      |
|     |               |                                | 25-125      |

| AMY24 | Amylase /24 h |             |             |
|-------|---------------|-------------|-------------|
|       | <b>Female</b> | <b>IU/d</b> | <b>Male</b> |
|       | 18 years:     | 0-360       | 18 years:   |
|       |               |             | <b>IU/d</b> |
|       |               |             | 0-360       |

| ANGAP | Anion Gap (Na K Cl CO2) | INACTIVATED 9/18/14 |             |
|-------|-------------------------|---------------------|-------------|
|       | <b>Female</b>           | <b>mmol/L</b>       | <b>Male</b> |
|       | At Birth:               | 8-22                | At Birth:   |
|       |                         |                     | 8-22        |

| ASODA | Streptolysin O Antibody (ASO) | ANTISTREPTOLYSIN O |              |
|-------|-------------------------------|--------------------|--------------|
|       | <b>Female</b>                 | <b>IU/mL</b>       | <b>Male</b>  |
|       | At Birth:                     | 0-200              | At Birth:    |
|       | 18 years:                     | 0-150              | 18 years:    |
|       |                               |                    | <b>IU/mL</b> |
|       |                               |                    | 0-200        |
|       |                               |                    | 0-150        |

| AST | AST (SGOT)    | SGOT, ASPARTATE AMINOTRANSFERASE |             |
|-----|---------------|----------------------------------|-------------|
|     | <b>Female</b> | <b>U/L</b>                       | <b>Male</b> |
|     | At Birth:     | 23-186                           | At Birth:   |
|     | 2 weeks:      | 23-83                            | 2 weeks:    |
|     | 1 year:       | 26-55                            | 1 year:     |
|     | 7 years:      | 22-41                            | 7 years:    |
|     | 12 years:     | 17-33                            | 12 years:   |
|     | 18 years:     | 9-40                             | 18 years:   |
|     |               |                                  | <b>U/L</b>  |
|     |               |                                  | 23-186      |
|     |               |                                  | 23-83       |
|     |               |                                  | 26-55       |
|     |               |                                  | 22-41       |
|     |               |                                  | 18-40       |
|     |               |                                  | 9-40        |

| B12 | Vitamin B12   |              |              |
|-----|---------------|--------------|--------------|
|     | <b>Female</b> | <b>pg/mL</b> | <b>Male</b>  |
|     | At Birth:     | 232-1245     | At Birth:    |
|     |               |              | <b>pg/mL</b> |
|     |               |              | 232-1245     |

| BARBIT | Barbiturates  | BARBITURATES URINE SCREEN |             |
|--------|---------------|---------------------------|-------------|
|        | <b>Female</b> |                           | <b>Male</b> |
|        | At Birth:     | NEG                       | At Birth:   |
|        |               |                           | NEG         |

| BASO | Basophils     | Keyboard DFGUI, DFNGUI |             |
|------|---------------|------------------------|-------------|
|      | <b>Female</b> | <b>%</b>               | <b>Male</b> |
|      | At Birth:     |                        | At Birth:   |
|      |               |                        | <b>%</b>    |

| BASOA | Basophils, Absolute | Keyboard DFGUI, DFNGUI |             |
|-------|---------------------|------------------------|-------------|
|       | <b>Female</b>       | <b>K/uL</b>            | <b>Male</b> |
|       | At Birth:           | 0.0-0.1                | At Birth:   |
|       |                     |                        | <b>K/uL</b> |
|       |                     |                        | 0.0-0.1     |

Description (continued)

| <b>BASOP</b> | <b>Basophils</b> | <b>Keyboard DFGUI, DFNGUI</b> |             |
|--------------|------------------|-------------------------------|-------------|
|              | <b>Female</b>    | <b>%</b>                      | <b>Male</b> |
|              | At Birth:        |                               | At Birth:   |

| <b>BASOST</b> | <b>Basophilic Stippling</b> | <b>Keyboard DFGUI, DFNGUI</b> |             |
|---------------|-----------------------------|-------------------------------|-------------|
|               | <b>Female</b>               |                               | <b>Male</b> |
|               | At Birth:                   | NEG                           | At Birth:   |
|               |                             |                               | NEG         |

| <b>BCRY</b> | <b>Body Fluid Crystal Exam</b> |     |             |
|-------------|--------------------------------|-----|-------------|
|             | <b>Female</b>                  |     | <b>Male</b> |
|             | At Birth:                      | NEG | At Birth:   |
|             |                                |     | NEG         |

| <b>BENZO</b> | <b>Benzodiazepines</b> | <b>BENZODIAZEPINE URINE SCREEN</b> |             |
|--------------|------------------------|------------------------------------|-------------|
|              | <b>Female</b>          |                                    | <b>Male</b> |
|              | At Birth:              | NEG                                | At Birth:   |
|              |                        |                                    | NEG         |

| <b>BILD</b> | <b>Bilirubin, Direct</b> | <b>SERUM/PLASMA</b> |             |
|-------------|--------------------------|---------------------|-------------|
|             | <b>Female</b>            | <b>mg/dL</b>        | <b>Male</b> |
|             | At Birth:                | 0.0-0.5             | At Birth:   |
|             |                          |                     | 0.0-0.5     |

| <b>BILTDA</b> | <b>Bilirubin, Total</b> | <b>TBILI,BILT,TOTAL BILI</b> |             |
|---------------|-------------------------|------------------------------|-------------|
|               | <b>Female</b>           | <b>mg/dL</b>                 | <b>Male</b> |
|               | At Birth:               | 0.0-3.4                      | At Birth:   |
|               | 1 day:                  | 0.0-10.0                     | 1 day:      |
|               | 2 days:                 | 0.0-15.5                     | 2 days:     |
|               | 3 days:                 | 0.0-17.4                     | 3 days:     |
|               | 5 days:                 | 0.0-13.2                     | 5 days:     |
|               | 1 week:                 | 0.0-7.3                      | 1 week:     |
|               | 1 week:                 | 0.0-5.7                      | 1 week:     |
|               | 1 week:                 | 0.3-2.7                      | 1 week:     |
|               | 3 weeks:                | 0.1-1.4                      | 3 weeks:    |
|               | 1 month:                | 0.2-1.3                      | 1 month:    |
|               | 1 year:                 | 0.1-0.4                      | 1 year:     |
|               | 9 years:                | 0.1-0.6                      | 9 years:    |
|               | 12 years:               | 0.1-0.7                      | 12 years:   |
|               | 15 years:               | 0.1-0.8                      | 15 years:   |
|               | 18 years:               | 0.2-1.3                      | 18 years:   |

| <b>BJPU</b> | <b>Bence Jones Protein, Urine</b> |      |             |
|-------------|-----------------------------------|------|-------------|
|             | <b>Female</b>                     |      | <b>Male</b> |
|             | At Birth:                         | NCOM | At Birth:   |
|             |                                   |      | NCOM        |

| <b>BNPEP</b> | <b>B-Type Natriuretic Peptide</b> | <b>BNP</b>   |             |
|--------------|-----------------------------------|--------------|-------------|
|              | <b>Female</b>                     | <b>pg/mL</b> | <b>Male</b> |
|              | At Birth:                         | 0-100        | At Birth:   |
|              |                                   |              | 0-100       |

| <b>BNPPDA</b> | <b>N-terminal Pro BNP</b> | <b>NT-proBNP, BNP</b> |             |
|---------------|---------------------------|-----------------------|-------------|
|               | <b>Female</b>             |                       | <b>Male</b> |
|               | At Birth:                 | 0-299                 | At Birth:   |
|               |                           |                       | 0-299       |

| <b>BOPIN</b> | <b>B. pertussis</b> |     |             |
|--------------|---------------------|-----|-------------|
|              | <b>Female</b>       |     | <b>Male</b> |
|              | At Birth:           | NDE | At Birth:   |
|              |                     |     | NDE         |

Description (continued)

| BUN | BUN           | BLOOD UREA NITROGEN |             |
|-----|---------------|---------------------|-------------|
|     | <b>Female</b> | <b>mg/dL</b>        | <b>Male</b> |
|     | At Birth:     | 3-23                | At Birth:   |
|     | 2 weeks:      | 3-17                | 2 weeks:    |
|     | 1 year:       | 9-22                | 1 year:     |
|     | 10 years:     | 7-19                | 10 years:   |
|     | 18 years:     | 8-20                | 18 years:   |

| CA | Calcium       | TOTAL SERUM OR PLASMA |             |
|----|---------------|-----------------------|-------------|
|    | <b>Female</b> | <b>mg/dL</b>          | <b>Male</b> |
|    | At Birth:     | 7.9-10.7              | At Birth:   |
|    | 2 weeks:      | 8.7-9.8               | 2 weeks:    |
|    | 4 years:      | 8.8-10.1              | 4 years:    |
|    | 12 years:     | 8.8-10.7              | 12 years:   |
|    | 18 years:     | 8.4-10.4              | 18 years:   |

| CA125 | CA125         | OLD METHOD REPLACED BY CA125B |             |
|-------|---------------|-------------------------------|-------------|
|       | <b>Female</b> | <b>U/mL</b>                   | <b>Male</b> |
|       | At Birth:     | 0-38                          | At Birth:   |

| CA24 | Calcium /24 h | CALCIUM, URINE 24 HOUR |             |
|------|---------------|------------------------|-------------|
|      | <b>Female</b> | <b>mg/d</b>            | <b>Male</b> |
|      | At Birth:     | 100-240                | At Birth:   |
|      | 18 years:     | 100-300                | 18 years:   |

| CARBAM | Carbamazepine | TEGRETOL     |             |
|--------|---------------|--------------|-------------|
|        | <b>Female</b> | <b>ug/mL</b> | <b>Male</b> |
|        | At Birth:     | 4.0-12.0     | At Birth:   |

| CEA2 | CEA           | CARCINOEMBRYONIC ANTIGEN |             |
|------|---------------|--------------------------|-------------|
|      | <b>Female</b> | <b>ng/mL</b>             | <b>Male</b> |
|      | At Birth:     | 8.0-62.0                 | At Birth:   |
|      | 1 week:       | 0.0-5.0                  | 1 week:     |
|      | 2 years:      | 0.0-3.0                  | 2 years:    |
|      | 18 years:     | 0.0-3.8                  | 18 years:   |

| CER | Ceruloplasmin |              |             |
|-----|---------------|--------------|-------------|
|     | <b>Female</b> | <b>mg/dL</b> | <b>Male</b> |
|     | 6 months:     | 18-37        | 6 months:   |
|     | 3 years:      | 18-36        | 3 years:    |
|     | 6 years:      | 19-40        | 6 years:    |
|     | 9 years:      | 20-43        | 9 years:    |
|     | 12 years:     | 20-41        | 12 years:   |
|     | 15 years:     | 20-51        | 15 years:   |
|     | 18 years:     | 16-45        | 18 years:   |

| CHOL | Cholesterol, Total | CHOLESTEROL  |             |
|------|--------------------|--------------|-------------|
|      | <b>Female</b>      | <b>mg/dL</b> | <b>Male</b> |
|      | At Birth:          | 46-170       | At Birth:   |
|      | 2 weeks:           | 64-170       | 2 weeks:    |
|      | 1 year:            | 112-170      | 1 year:     |
|      | 20 years:          | 122-199      | 20 years:   |
|      | 25 years:          | 128-199      | 25 years:   |
|      | 30 years:          | 130-199      | 30 years:   |
|      | 35 years:          | 140-199      | 35 years:   |
|      | 40 years:          | 147-199      | 40 years:   |
|      | 45 years:          | 152-199      | 45 years:   |
|      | 50 years:          | 162-199      |             |
|      | 55 years:          | 172-199      |             |

Description (continued)

| CK | Creatine Kinase (CK) |        | CREATINE PHOSPHOKINASE, CPK |        |
|----|----------------------|--------|-----------------------------|--------|
|    | Female               | U/L    | Male                        | U/L    |
|    | At Birth:            |        | At Birth:                   |        |
|    | 2 days:              | 0-756  | 2 days:                     | 0-756  |
|    | 1 week:              | 0-461  | 1 week:                     | 0-461  |
|    | 6 months:            | 38-260 | 6 months:                   | 50-272 |
|    | 1 year:              | 0-295  | 1 year:                     | 0-295  |
|    | 3 years:             | 42-227 | 3 years:                    | 59-296 |
|    | 6 years:             | 50-231 | 6 years:                    | 54-275 |
|    | 7 years:             | 0-238  | 7 years:                    | 0-298  |
|    | 9 years:             | 52-256 | 9 years:                    | 55-324 |
|    | 10 years:            | 80-230 | 10 years:                   | 55-215 |
|    | 12 years:            | 45-257 | 12 years:                   | 63-407 |
|    | 14 years:            | 50-240 | 14 years:                   | 60-335 |
|    | 15 years:            | 45-458 | 15 years:                   | 68-914 |
|    | 16 years:            | 45-230 | 16 years:                   | 55-370 |
|    | 18 years:            | 36-184 | 18 years:                   | 56-356 |

| CKMB | CKMB      |         | CPKMB     |         |
|------|-----------|---------|-----------|---------|
|      | Female    | ng/mL   | Male      | ng/mL   |
|      | At Birth: | 0.0-5.0 | At Birth: | 0.0-5.0 |
|      | 18 years: | <4.3    | 18 years: | <7.7    |

| CL | Chloride  |         | CHLORIDE, SERUM/PLASMA |         |
|----|-----------|---------|------------------------|---------|
|    | Female    | mmol/L  | Male                   | mmol/L  |
|    | At Birth: | 102-111 | At Birth:              | 102-111 |

| CO2 | CO2       |        | BICARBONATE, SERUM/PLASMA |        |
|-----|-----------|--------|---------------------------|--------|
|     | Female    | mmol/L | Male                      | mmol/L |
|     | At Birth: | 18-24  | At Birth:                 | 18-24  |
|     | 6 years:  | 17-25  | 6 years:                  | 17-25  |
|     | 16 years: | 19-28  | 16 years:                 | 19-28  |
|     | 18 years: | 19-30  | 18 years:                 | 19-30  |

| CORTA | Cortisol AM |          | CORTISOL, MORNING (AM) (Order CORTSL |          |
|-------|-------------|----------|--------------------------------------|----------|
|       | Female      | ug/dL    | Male                                 | ug/dL    |
|       | At Birth:   | 0.5-14.0 | At Birth:                            | 0.5-14.0 |
|       | 1 day:      | 2-11     | 1 day:                               | 2-11     |
|       | 2 days:     | 5.0-12.3 | 2 days:                              | 5.0-12.3 |
|       | 1 week:     | 2-23     | 1 week:                              | 2-23     |
|       | 2 weeks:    | 5.0-16.6 | 2 weeks:                             | 5.0-16.6 |
|       | 1 month:    | 0.7-20.0 | 1 month:                             | 0.7-20.0 |
|       | 1 year:     | 2.4-15.0 | 1 year:                              | 2.4-15.0 |
|       | 9 years:    | 5.0-12.7 | 9 years:                             | 5.0-12.7 |
|       | 12 years:   | 3.6-17.0 | 12 years:                            | 3.6-17.0 |
|       | 14 years:   | 5.0-16.4 | 14 years:                            | 5.0-16.4 |
|       | 16 years:   | 5-23     | 16 years:                            | 5-23     |
|       | 17 years:   | 5.0-18.3 | 17 years:                            | 5.0-18.3 |
|       | 18 years:   | 4.8-19.5 | 18 years:                            | 4.8-19.5 |

Description (continued)

| CORTP | Cortisol PM |          | CORTISOL, AFTERNOON (PM) (Order |          |
|-------|-------------|----------|---------------------------------|----------|
|       | Female      | ug/dL    | Male                            | ug/dL    |
|       | At Birth:   | 0.5-14.0 | At Birth:                       | 0.5-14.0 |
|       | 2 days:     | 5.0-12.3 | 2 days:                         | 5.0-12.3 |
|       | 2 weeks:    | 5.0-16.6 | 2 weeks:                        | 5.0-16.6 |
|       | 1 month:    | 0.7-20.0 | 1 month:                        | 0.7-20.0 |
|       | 1 year:     | 2.4-15.0 | 1 year:                         | 2.4-15.0 |
|       | 9 years:    | 5.0-12.7 | 9 years:                        | 5.0-12.7 |
|       | 12 years:   | 3.6-17.0 | 12 years:                       | 3.6-17.0 |
|       | 14 years:   | 5.0-16.4 | 14 years:                       | 5.0-16.4 |
|       | 16 years:   | 3-16     | 16 years:                       | 3-16     |
|       | 17 years:   | 5.0-18.3 | 17 years:                       | 5.0-18.3 |
|       | 18 years:   | 2.5-11.9 | 18 years:                       | 2.5-11.9 |

| CR | Creatinine |           | Order CRG (CRFL for body fluids). |           |
|----|------------|-----------|-----------------------------------|-----------|
|    | Female     | mg/dL     | Male                              | mg/dL     |
|    | At Birth:  | 0.33-0.95 | At Birth:                         | 0.33-0.95 |
|    | 2 weeks:   | 0.13-0.50 | 2 weeks:                          | 0.13-0.50 |
|    | 2 years:   | 0.18-0.55 | 2 years:                          | 0.18-0.55 |
|    | 5 years:   | 0.27-0.73 | 5 years:                          | 0.27-0.73 |
|    | 12 years:  | 0.41-0.90 | 12 years:                         | 0.41-0.90 |
|    | 15 years:  | 0.51-0.95 | 15 years:                         | 0.57-1.15 |
|    | 18 years:  | 0.60-1.10 | 18 years:                         | 0.77-1.35 |

| CR24 | Creatinine /24 h |          |           |          |
|------|------------------|----------|-----------|----------|
|      | Female           | mg/d     | Male      | mg/d     |
|      | At Birth:        |          | At Birth: |          |
|      | 18 years:        | 600-1800 | 18 years: | 800-2000 |

| CREK24 | Creatinine/kg/24 h |           |           |           |
|--------|--------------------|-----------|-----------|-----------|
|        | Female             | mg/kg/d   | Male      | mg/kg/d   |
|        | At Birth:          | 8.1-19.7  | At Birth: | 8.1-19.7  |
|        | 1 year:            | 10.0-15.0 | 1 year:   | 10.0-15.0 |
|        | 7 years:           | 5.2-41.0  | 7 years:  | 5.2-41.0  |
|        | 15 years:          | 11.0-20.0 | 15 years: | 14.0-26.0 |

| CRP | CRP (C-Reactive Protein) |       | (not for CV risk) |       |
|-----|--------------------------|-------|-------------------|-------|
|     | Female                   | mg/dL | Male              | mg/dL |
|     | At Birth:                | <0.3  | At Birth:         | <0.3  |
|     | 18 years:                | <0.5  | 18 years:         | <0.5  |

| CRPS | hsCRP     |         | HIGH SENSITIVITY CRP (usually used for |         |
|------|-----------|---------|--|---------|
|      | Female    | mg/L    | Male                                   | mg/L    |
|      | At Birth: | 0.0-4.1 | At Birth:                              | 0.0-4.1 |
|      | 2 months: | 0.0-2.8 | 2 months:                              | 0.0-2.8 |
|      | 16 years: | 0.0-2.9 | 16 years:                              | 0.0-2.9 |

Description (continued)

| DD | D dimer, Quantitative |           | ug FEU/mL  |           |
|----|-----------------------|-----------|------------|-----------|
|    | Female                | ug FEU/mL | Male       | ug FEU/mL |
|    | At Birth:             | 0.00-0.50 | At Birth:  | 0.00-0.50 |
|    | 51 years:             | 0.00-0.51 | 51 years:  | 0.00-0.51 |
|    | 52 years:             | 0.00-0.52 | 52 years:  | 0.00-0.52 |
|    | 53 years:             | 0.00-0.53 | 53 years:  | 0.00-0.53 |
|    | 54 years:             | 0.00-0.54 | 54 years:  | 0.00-0.54 |
|    | 55 years:             | 0.00-0.55 | 55 years:  | 0.00-0.55 |
|    | 56 years:             | 0.00-0.56 | 56 years:  | 0.00-0.56 |
|    | 57 years:             | 0.00-0.57 | 57 years:  | 0.00-0.57 |
|    | 58 years:             | 0.00-0.58 | 58 years:  | 0.00-0.58 |
|    | 59 years:             | 0.00-0.59 | 59 years:  | 0.00-0.59 |
|    | 60 years:             | 0.00-0.60 | 60 years:  | 0.00-0.60 |
|    | 61 years:             | 0.00-0.61 | 61 years:  | 0.00-0.61 |
|    | 62 years:             | 0.00-0.62 | 62 years:  | 0.00-0.62 |
|    | 63 years:             | 0.00-0.63 | 63 years:  | 0.00-0.63 |
|    | 64 years:             | 0.00-0.64 | 64 years:  | 0.00-0.64 |
|    | 65 years:             | 0.00-0.65 | 65 years:  | 0.00-0.65 |
|    | 66 years:             | 0.00-0.66 | 66 years:  | 0.00-0.66 |
|    | 67 years:             | 0.00-0.67 | 67 years:  | 0.00-0.67 |
|    | 68 years:             | 0.00-0.68 | 68 years:  | 0.00-0.68 |
|    | 69 years:             | 0.00-0.69 | 69 years:  | 0.00-0.69 |
|    | 70 years:             | 0.00-0.70 | 70 years:  | 0.00-0.70 |
|    | 71 years:             | 0.00-0.71 | 71 years:  | 0.00-0.71 |
|    | 72 years:             | 0.00-0.72 | 72 years:  | 0.00-0.72 |
|    | 73 years:             | 0.00-0.73 | 73 years:  | 0.00-0.73 |
|    | 74 years:             | 0.00-0.74 | 74 years:  | 0.00-0.74 |
|    | 75 years:             | 0.00-0.75 | 75 years:  | 0.00-0.75 |
|    | 76 years:             | 0.00-0.76 | 76 years:  | 0.00-0.76 |
|    | 77 years:             | 0.00-0.77 | 77 years:  | 0.00-0.77 |
|    | 78 years:             | 0.00-0.78 | 78 years:  | 0.00-0.78 |
|    | 79 years:             | 0.00-0.79 | 79 years:  | 0.00-0.79 |
|    | 80 years:             | 0.00-0.80 | 80 years:  | 0.00-0.80 |
|    | 81 years:             | 0.00-0.81 | 81 years:  | 0.00-0.81 |
|    | 82 years:             | 0.00-0.82 | 82 years:  | 0.00-0.82 |
|    | 83 years:             | 0.00-0.83 | 83 years:  | 0.00-0.83 |
|    | 84 years:             | 0.00-0.84 | 84 years:  | 0.00-0.84 |
|    | 85 years:             | 0.00-0.85 | 85 years:  | 0.00-0.85 |
|    | 86 years:             | 0.00-0.86 | 86 years:  | 0.00-0.86 |
|    | 87 years:             | 0.00-0.87 | 87 years:  | 0.00-0.87 |
|    | 88 years:             | 0.00-0.88 | 88 years:  | 0.00-0.88 |
|    | 89 years:             | 0.00-0.89 | 89 years:  | 0.00-0.89 |
|    | 90 years:             | 0.00-0.90 | 90 years:  | 0.00-0.90 |
|    | 91 years:             | 0.00-0.91 | 91 years:  | 0.00-0.91 |
|    | 92 years:             | 0.00-0.92 | 92 years:  | 0.00-0.92 |
|    | 93 years:             | 0.00-0.93 | 93 years:  | 0.00-0.93 |
|    | 94 years:             | 0.00-0.94 | 94 years:  | 0.00-0.94 |
|    | 95 years:             | 0.00-0.95 | 95 years:  | 0.00-0.95 |
|    | 96 years:             | 0.00-0.96 | 96 years:  | 0.00-0.96 |
|    | 97 years:             | 0.00-0.97 | 97 years:  | 0.00-0.97 |
|    | 98 years:             | 0.00-0.98 | 98 years:  | 0.00-0.98 |
|    | 99 years:             | 0.00-0.99 | 99 years:  | 0.00-0.99 |
|    | 100 years:            | 0.00-1.00 | 100 years: | 0.00-1.00 |

| DIGDA | Digoxin   |         |           |         |
|-------|-----------|---------|-----------|---------|
|       | Female    | ng/mL   | Male      | ng/mL   |
|       | At Birth: | 0.8-2.0 | At Birth: | 0.8-2.0 |

| EOS | Eosinophils |   | Keyboard DFGUI, DFNGUI |   |
|-----|-------------|---|------------------------|---|
|     | Female      | % | Male                   | % |
|     | At Birth:   |   | At Birth:              |   |

Description (continued)

| <b>EOSA</b> |               | <b>Eosinophils, Abs Count</b> |  | <b>Keyboard DFGUI, DFNGUI</b> |             |
|-------------|---------------|-------------------------------|--|-------------------------------|-------------|
|             | <b>Female</b> | <b>K/uL</b>                   |  | <b>Male</b>                   | <b>K/uL</b> |
|             | At Birth:     | 0.0-1.0                       |  | At Birth:                     | 0.0-1.0     |
|             | 1 week:       | 0.1-1.1                       |  | 1 week:                       | 0.1-1.1     |
|             | 1 year:       | 0.0-0.7                       |  | 1 year:                       | 0.0-0.7     |
|             | 6 years:      | 0.0-0.7                       |  | 6 years:                      | 0.0-0.7     |
|             | 14 years:     | 0.0-0.5                       |  | 14 years:                     | 0.0-0.5     |
|             | 21 years:     | 0.0-0.5                       |  | 21 years:                     | 0.0-0.5     |

| <b>EOSP</b> |               | <b>Eosinophils</b> |  | <b>Keyboard DFGUI, DFNGUI</b> |          |
|-------------|---------------|--------------------|--|-------------------------------|----------|
|             | <b>Female</b> | <b>%</b>           |  | <b>Male</b>                   | <b>%</b> |
|             | At Birth:     |                    |  | At Birth:                     |          |

| <b>ESR</b> |               | <b>ESR, Westergren</b> |  | <b>ERYTHROCYTE SEDIMENTATION RATE</b> |             |
|------------|---------------|------------------------|--|---------------------------------------|-------------|
|            | <b>Female</b> | <b>mm/h</b>            |  | <b>Male</b>                           | <b>mm/h</b> |
|            | At Birth:     | 0-9                    |  | At Birth:                             | 0-9         |
|            | 7 years:      | 0-12                   |  | 7 years:                              | 0-12        |
|            | 13 years:     | 0-20                   |  | 13 years:                             | 0-15        |
|            | 50 years:     | 0-30                   |  | 50 years:                             | 0-20        |

| <b>FER</b> |               | <b>Ferritin</b> |  |             |              |
|------------|---------------|-----------------|--|-------------|--------------|
|            | <b>Female</b> | <b>ng/mL</b>    |  | <b>Male</b> | <b>ng/mL</b> |
|            | At Birth:     | 150-973         |  | At Birth:   | 150-973      |
|            | 4 days:       | 100-717         |  | 4 days:     | 100-717      |
|            | 2 weeks:      | 14-647          |  | 2 weeks:    | 14-647       |
|            | 1 month:      | 8-580           |  | 1 month:    | 8-580        |
|            | 6 months:     | 14-101          |  | 6 months:   | 14-101       |
|            | 1 year:       | 5-100           |  | 1 year:     | 5-100        |
|            | 5 years:      | 14-79           |  | 5 years:    | 14-79        |
|            | 14 years:     | 6-67            |  | 14 years:   | 13-83        |
|            | 15 years:     | 4-114           |  | 15 years:   | 21-173       |
|            | 18 years:     | 10-200          |  | 16 years:   | 11-172       |
|            | 20 years:     | 10-200          |  | 18 years:   | 37-400       |
|            |               |                 |  | 20 years:   | 37-400       |

| <b>FIB</b> |               | <b>Fibrinogen</b> |  |             |              |
|------------|---------------|-------------------|--|-------------|--------------|
|            | <b>Female</b> | <b>mg/dL</b>      |  | <b>Male</b> | <b>mg/dL</b> |
|            | At Birth:     | 200-430           |  | At Birth:   | 200-430      |

| <b>FSP</b> |               | <b>Fibrin Split Products</b> |  | <b>Fibrinogen Split Products</b> |              |
|------------|---------------|------------------------------|--|----------------------------------|--------------|
|            | <b>Female</b> | <b>ug/mL</b>                 |  | <b>Male</b>                      | <b>ug/mL</b> |
|            | At Birth:     | <5                           |  | At Birth:                        | <5           |

| <b>FT4</b> |               | <b>Free T4</b> |  | <b>FREE THYROXINE</b> |              |
|------------|---------------|----------------|--|-----------------------|--------------|
|            | <b>Female</b> | <b>ng/dL</b>   |  | <b>Male</b>           | <b>ng/dL</b> |
|            | At Birth:     | 0.66-2.71      |  | At Birth:             | 0.66-2.71    |
|            | 4 days:       | 0.83-3.09      |  | 4 days:               | 0.83-3.09    |
|            | 1 month:      | 0.48-2.34      |  | 1 month:              | 0.48-2.34    |
|            | 1 year:       | 0.85-1.75      |  | 1 year:               | 0.85-1.75    |
|            | 1 year:       | 0.85-1.75      |  | 1 year:               | 0.85-1.75    |
|            | 6 years:      | 0.90-1.67      |  | 6 years:              | 0.90-1.67    |
|            | 11 years:     | 0.93-1.60      |  | 11 years:             | 0.93-1.60    |
|            | 15 years:     | 0.73-1.57      |  | 15 years:             | 0.73-1.57    |
|            | 18 years:     | 0.93-1.70      |  | 18 years:             | 0.93-1.70    |
|            | 21 years:     | 0.76-1.44      |  | 21 years:             | 0.76-1.44    |
|            | 41 years:     | 0.74-1.46      |  | 41 years:             | 0.74-1.46    |
|            | 61 years:     | 0.75-1.50      |  | 61 years:             | 0.75-1.50    |
|            | 81 years:     | 0.75-1.55      |  | 81 years:             | 0.75-1.55    |



Description (continued)

|              |                         |              |             |              |  |
|--------------|-------------------------|--------------|-------------|--------------|--|
| <b>GENTP</b> | <b>Gentamicin, Peak</b> |              |             |              |  |
|              | <b>Female</b>           | <b>ug/mL</b> | <b>Male</b> | <b>ug/mL</b> |  |
|              | At Birth:               | 5.0-10.0     | At Birth:   | 5.0-10.0     |  |

|              |                                 |              |             |              |  |
|--------------|---------------------------------|--------------|-------------|--------------|--|
| <b>GENTR</b> | <b>Gentamicin, random level</b> |              |             |              |  |
|              | <b>Female</b>                   | <b>ug/mL</b> | <b>Male</b> | <b>ug/mL</b> |  |
|              | At Birth:                       | 0.5-10.0     | At Birth:   | 0.5-10.0     |  |

|              |                           |              |             |              |  |
|--------------|---------------------------|--------------|-------------|--------------|--|
| <b>GENTT</b> | <b>Gentamicin, Trough</b> |              |             |              |  |
|              | <b>Female</b>             | <b>ug/mL</b> | <b>Male</b> | <b>ug/mL</b> |  |
|              | At Birth:                 | 0.5-2.0      | At Birth:   | 0.5-2.0      |  |

|            |               |            |                                    |            |  |
|------------|---------------|------------|------------------------------------|------------|--|
| <b>GGT</b> | <b>GGT</b>    |            | <b>GAMMA GLUTAMYL TRANSFERASE,</b> |            |  |
|            | <b>Female</b> | <b>U/L</b> | <b>Male</b>                        | <b>U/L</b> |  |
|            | At Birth:     | 23-219     | At Birth:                          | 23-219     |  |
|            | 2 weeks:      | 8-127      | 2 weeks:                           | 8-127      |  |
|            | 1 year:       | 6-16       | 1 year:                            | 6-16       |  |
|            | 11 years:     | 7-21       | 11 years:                          | 7-21       |  |
|            | 18 years:     | 12-43      | 18 years:                          | 15-73      |  |

|            |                |              |                              |              |  |
|------------|----------------|--------------|------------------------------|--------------|--|
| <b>GLU</b> | <b>Glucose</b> |              | <b>GLUCOSE, SERUM/PLASMA</b> |              |  |
|            | <b>Female</b>  | <b>mg/dL</b> | <b>Male</b>                  | <b>mg/dL</b> |  |
|            | At Birth:      | 49-96        | At Birth:                    | 49-96        |  |
|            | 1 month:       | 60-108       | 1 month:                     | 60-108       |  |
|            | 2 years:       | 60-115       | 2 years:                     | 60-115       |  |
|            | 18 years:      | 65-99        | 18 years:                    | 65-99        |  |

|               |                       |     |                                       |     |  |
|---------------|-----------------------|-----|---------------------------------------|-----|--|
| <b>GLUCUR</b> | <b>Glucose, Urine</b> |     | <b>No longer orderable by itself.</b> |     |  |
|               | <b>Female</b>         |     | <b>Male</b>                           |     |  |
|               | At Birth:             | NEG | At Birth:                             | NEG |  |

|            |                    |              |             |              |  |
|------------|--------------------|--------------|-------------|--------------|--|
| <b>HAP</b> | <b>Haptoglobin</b> |              |             |              |  |
|            | <b>Female</b>      | <b>mg/dL</b> | <b>Male</b> | <b>mg/dL</b> |  |
|            | At Birth:          | 0-200        | At Birth:   | 0-200        |  |
|            | 2 months:          | 30-200       | 2 months:   | 30-200       |  |

|             |                                   |    |                           |    |  |
|-------------|-----------------------------------|----|---------------------------|----|--|
| <b>HBCT</b> | <b>Hepatitis B Core Ab, Total</b> |    | <b>ORDER HBCAB 3/6/13</b> |    |  |
|             | <b>Female</b>                     |    | <b>Male</b>               |    |  |
|             | At Birth:                         | NR | At Birth:                 | NR |  |

|              |                               |    |             |    |  |
|--------------|-------------------------------|----|-------------|----|--|
| <b>HBSAB</b> | <b>Hepatitis B Surface Ab</b> |    |             |    |  |
|              | <b>Female</b>                 |    | <b>Male</b> |    |  |
|              | At Birth:                     | NR | At Birth:   | NR |  |

|              |                               |    |             |    |  |
|--------------|-------------------------------|----|-------------|----|--|
| <b>HBSAG</b> | <b>Hepatitis B Surface Ag</b> |    |             |    |  |
|              | <b>Female</b>                 |    | <b>Male</b> |    |  |
|              | At Birth:                     | NR | At Birth:   | NR |  |

|              |                               |     |             |     |  |
|--------------|-------------------------------|-----|-------------|-----|--|
| <b>HCGDA</b> | <b>HCG, Serum Qualitative</b> |     |             |     |  |
|              | <b>Female</b>                 |     | <b>Male</b> |     |  |
|              | At Birth:                     | NEG | At Birth:   | NEG |  |

|             |                               |     |                                   |     |  |
|-------------|-------------------------------|-----|-----------------------------------|-----|--|
| <b>HCGU</b> | <b>HCG, Urine Qualitative</b> |     | <b>PREGNANCY, HUMAN CHORIONIC</b> |     |  |
|             | <b>Female</b>                 |     | <b>Male</b>                       |     |  |
|             | At Birth:                     | NEG | At Birth:                         | NEG |  |

Description (continued)

| HCT | Hematocrit |           | HCT       |           |
|-----|------------|-----------|-----------|-----------|
|     | Female     | %         | Male      | %         |
|     | At Birth:  | 42.0-60.0 | At Birth: | 42.0-60.0 |
|     | 1 day:     | 45.0-64.9 | 1 day:    | 45.0-64.9 |
|     | 1 week:    | 42.0-64.9 | 1 week:   | 42.0-64.9 |
|     | 1 week:    | 42.0-64.9 | 1 week:   | 42.0-64.9 |
|     | 2 weeks:   | 39.0-63.0 | 2 weeks:  | 39.0-63.0 |
|     | 1 month:   | 31.0-55.0 | 1 month:  | 31.0-55.0 |
|     | 2 months:  | 28.0-42.0 | 2 months: | 28.0-42.0 |
|     | 3 months:  | 29.0-41.0 | 3 months: | 29.0-41.0 |
|     | 6 months:  | 33.0-39.0 | 6 months: | 33.0-39.0 |
|     | 1 year:    | 33.0-39.0 | 1 year:   | 33.0-39.0 |
|     | 2 years:   | 34.0-40.0 | 2 years:  | 34.0-40.0 |
|     | 6 years:   | 35.0-45.0 | 6 years:  | 35.0-45.0 |
|     | 12 years:  | 36.0-46.0 | 12 years: | 37.0-49.0 |
|     | 18 years:  | 36.0-46.0 | 18 years: | 41.0-53.0 |
|     | 49 years:  | 36.0-46.0 | 49 years: | 41.0-53.0 |

| HCVDA | Hepatitis C Ab |    |           |    |
|-------|----------------|----|-----------|----|
|       | Female         |    | Male      |    |
|       | At Birth:      | NR | At Birth: | NR |

| HDL | HDL Cholesterol |       | HIGH DENSITY LIPOPROTEIN |       |
|-----|-----------------|-------|--------------------------|-------|
|     | Female          | mg/dL | Male                     | mg/dL |
|     | At Birth:       | 15-42 | At Birth:                | 15-42 |
|     | 2 weeks:        | 12-71 | 2 weeks:                 | 12-71 |
|     | 1 year:         | 32-63 | 1 year:                  | 32-63 |
|     | 4 years:        | 36-73 | 4 years:                 | 36-73 |
|     | 13 years:       | 32-72 | 13 years:                | 32-68 |
|     | 18 years:       | 40-83 | 18 years:                | 40-63 |
|     | 40 years:       | 40-96 | 55 years:                | 40-75 |

| HGB | Hemoglobin |           | HGB       |           |
|-----|------------|-----------|-----------|-----------|
|     | Female     | g/dL      | Male      | g/dL      |
|     | At Birth:  | 13.5-19.5 | At Birth: | 13.5-19.5 |
|     | 1 day:     | 14.5-21.9 | 1 day:    | 14.5-21.9 |
|     | 1 week:    | 13.5-21.5 | 1 week:   | 13.5-21.5 |
|     | 1 week:    | 13.5-21.5 | 1 week:   | 13.5-21.5 |
|     | 2 weeks:   | 12.5-20.5 | 2 weeks:  | 12.5-20.5 |
|     | 1 month:   | 10.0-18.0 | 1 month:  | 10.0-18.0 |
|     | 2 months:  | 9.0-14.0  | 2 months: | 9.0-14.0  |
|     | 3 months:  | 9.5-13.5  | 3 months: | 9.5-13.5  |
|     | 6 months:  | 10.5-13.5 | 6 months: | 10.5-13.5 |
|     | 1 year:    | 10.5-13.5 | 1 year:   | 10.5-13.5 |
|     | 2 years:   | 11.5-13.5 | 2 years:  | 11.5-13.5 |
|     | 6 years:   | 11.5-15.5 | 6 years:  | 11.5-15.5 |
|     | 12 years:  | 12.0-16.0 | 12 years: | 13.0-16.0 |
|     | 18 years:  | 12.0-16.0 | 18 years: | 13.5-17.5 |
|     | 49 years:  | 12.0-16.0 | 49 years: | 13.5-17.5 |

| HGBA1C | Hemoglobin A1c |      |           |      |
|--------|----------------|------|-----------|------|
|        | Female         | %    | Male      | %    |
|        | At Birth:      | <5.7 | At Birth: | <5.7 |

| HGBPL | Hemoglobin, Plasma |       | HEMOGLOBIN, FREE |       |
|-------|--------------------|-------|------------------|-------|
|       | Female             | mg/dL | Male             | mg/dL |
|       | At Birth:          | 0-12  | At Birth:        | 0-12  |

| HGBUR | Hemoglobin, Urine |     |           |     |
|-------|-------------------|-----|-----------|-----|
|       | Female            |     | Male      |     |
|       | At Birth:         | NEG | At Birth: | NEG |

Description (continued)

| HITIN         |     | HIT, Interpretation |     |
|---------------|-----|---------------------|-----|
| <b>Female</b> |     | <b>Male</b>         |     |
| At Birth:     | NEG | At Birth:           | NEG |

| HMCYS         |               | Homocysteine |               | Homocysteine, Plasma or Serum |  |
|---------------|---------------|--------------|---------------|-------------------------------|--|
| <b>Female</b> | <b>umol/L</b> | <b>Male</b>  | <b>umol/L</b> |                               |  |
| 5 days:       | 3-10          | 5 days:      | 3-10          |                               |  |
| 1 year:       | 3-8           | 1 year:      | 3-8           |                               |  |
| 12 years:     | 4-10          | 12 years:    | 5-10          |                               |  |
| 15 years:     | 5-12          | 15 years:    | 5-12          |                               |  |
| 18 years:     | 0-15          | 18 years:    | 0-15          |                               |  |

| ICAS          |               | Calcium, Ionized (Serum) |               | ICA, FREE CALCIUM, UNBOUND CALCIUM, |  |
|---------------|---------------|--------------------------|---------------|-------------------------------------|--|
| <b>Female</b> | <b>mmol/L</b> | <b>Male</b>              | <b>mmol/L</b> |                                     |  |
| At Birth:     | 1.04-1.39     | At Birth:                | 1.04-1.39     |                                     |  |
| 3 days:       | 1.19-1.50     | 3 days:                  | 1.19-1.50     |                                     |  |
| 2 months:     | 1.19-1.45     | 2 months:                | 1.19-1.45     |                                     |  |
| 1 year:       | 1.12-1.39     | 1 year:                  | 1.12-1.39     |                                     |  |
| 10 years:     | 1.09-1.33     | 10 years:                | 1.09-1.33     |                                     |  |
| 18 years:     | 1.06-1.36     | 18 years:                | 1.06-1.36     |                                     |  |
| 50 years:     | 1.03-1.43     | 50 years:                | 1.03-1.43     |                                     |  |

| ICAWB         |               | Calcium, Ionized (Whole Blood) |               | ICA, FREE CALCIUM, UNBOUND CALCIUM, |  |
|---------------|---------------|--------------------------------|---------------|-------------------------------------|--|
| <b>Female</b> | <b>mmol/L</b> | <b>Male</b>                    | <b>mmol/L</b> |                                     |  |
| At Birth:     | 1.04-1.39     | At Birth:                      | 1.04-1.39     |                                     |  |
| 3 days:       | 1.19-1.50     | 3 days:                        | 1.19-1.50     |                                     |  |
| 2 months:     | 1.19-1.45     | 2 months:                      | 1.19-1.45     |                                     |  |
| 1 year:       | 1.12-1.39     | 1 year:                        | 1.12-1.39     |                                     |  |
| 10 years:     | 1.09-1.33     | 10 years:                      | 1.09-1.33     |                                     |  |
| 18 years:     | 1.03-1.25     | 18 years:                      | 1.03-1.25     |                                     |  |

| IGG           |              | IgG, Serum  |              | IMMUNOGLOBULIN G |  |
|---------------|--------------|-------------|--------------|------------------|--|
| <b>Female</b> | <b>mg/dL</b> | <b>Male</b> | <b>mg/dL</b> |                  |  |
| At Birth:     | 320-1210     | At Birth:   | 320-1210     |                  |  |
| 2 weeks:      | 150-630      | 2 weeks:    | 150-630      |                  |  |
| 1 year:       | 320-990      | 1 year:     | 320-990      |                  |  |
| 4 years:      | 500-1170     | 4 years:    | 500-1170     |                  |  |
| 10 years:     | 600-1310     | 10 years:   | 600-1310     |                  |  |
| 18 years:     | 700-1600     | 18 years:   | 700-1600     |                  |  |

| INR           |  | INR         |  | International Normalization Ratio |  |
|---------------|--|-------------|--|-----------------------------------|--|
| <b>Female</b> |  | <b>Male</b> |  |                                   |  |
| At Birth:     |  | At Birth:   |  |                                   |  |

| IPF           |          | Immature PLT Fraction |          | For WAM |  |
|---------------|----------|-----------------------|----------|---------|--|
| <b>Female</b> | <b>%</b> | <b>Male</b>           | <b>%</b> |         |  |
| At Birth:     | 0.0-7.1  | At Birth:             | 0.0-7.1  |         |  |
| 18 years:     | 0.8-7.3  | 18 years:             | 0.8-7.3  |         |  |

| IPFABS        |             | Immature Platelet Fraction, Absolute |             | Sysmex XN Instruments |  |
|---------------|-------------|--------------------------------------|-------------|-----------------------|--|
| <b>Female</b> | <b>K/uL</b> | <b>Male</b>                          | <b>K/uL</b> |                       |  |
| 18 years:     | 2.6-19.5    | 18 years:                            | 2.6-19.5    |                       |  |

Description (continued)

| IRF       |          | Immature Reticulocyte Fraction |          |
|-----------|----------|--------------------------------|----------|
| Female    | %        | Male                           | %        |
| At Birth: |          | At Birth:                      |          |
| 4 days:   | 7.8-28.0 | 4 days:                        | 7.8-28.0 |
| 1 month:  | 6.8-26.6 | 1 month:                       | 6.8-26.6 |
| 3 months: | 6.0-17.9 | 3 months:                      | 6.0-17.9 |
| 6 months: | 4.3-15.5 | 6 months:                      | 4.3-15.5 |
| 2 years:  | 3.3-13.0 | 2 years:                       | 3.3-13.0 |
| 6 years:  | 3.3-15.5 | 6 years:                       | 3.3-15.5 |
| 12 years: | 2.6-12.5 | 12 years:                      | 2.6-12.5 |
| 18 years: | 3.8-16.5 | 18 years:                      | 3.5-15.4 |

| IRON      |        | Iron, Total Serum |        | IRON, FE++, TOTAL SERUM |        |
|-----------|--------|-------------------|--------|-------------------------|--------|
| Female    | ug/dL  | Male              | ug/dL  | Female                  | ug/dL  |
| At Birth: | 16-128 | At Birth:         | 16-128 | At Birth:               | 16-128 |
| 14 years: | 20-162 | 14 years:         | 31-168 | 14 years:               | 31-168 |
| 18 years: | 37-170 | 18 years:         | 49-181 | 18 years:               | 49-181 |

| ISAT      |       | Iron Percent Saturation |       | TRANSFERRIN SATURATION |       |
|-----------|-------|-------------------------|-------|------------------------|-------|
| Female    | %     | Male                    | %     | Female                 | %     |
| At Birth: | 20-50 | At Birth:               | 20-50 | At Birth:              | 20-50 |
| 18 years: | 20-50 | 18 years:               | 20-50 | 18 years:              | 20-50 |

| K         |         | Potassium |         | K, SERUM OR PLASMA |         |
|-----------|---------|-----------|---------|--------------------|---------|
| Female    | mmol/L  | Male      | mmol/L  | Female             | mmol/L  |
| At Birth: | 3.7-5.9 | At Birth: | 3.7-5.9 | At Birth:          | 3.7-5.9 |
| 1 week:   | 4.1-5.3 | 1 week:   | 4.1-5.3 | 1 week:            | 4.1-5.3 |
| 1 month:  | 4.1-5.3 | 1 month:  | 4.1-5.3 | 1 month:           | 4.1-5.3 |
| 3 months: | 3.4-4.7 | 3 months: | 3.4-4.7 | 3 months:          | 3.4-4.7 |
| 18 years: | 3.5-5.0 | 18 years: | 3.5-5.0 | 18 years:          | 3.5-5.0 |

| K24       |        | Potassium /24 h |        |
|-----------|--------|-----------------|--------|
| Female    | mmol/d | Male            | mmol/d |
| 6 years:  | 8-37   | 6 years:        | 17-54  |
| 10 years: | 18-58  | 10 years:       | 18-58  |
| 14 years: | 25-125 | 14 years:       | 25-125 |

| KETUR     |     | Ketone, Urine |     |
|-----------|-----|---------------|-----|
| Female    |     | Male          |     |
| At Birth: | NEG | At Birth:     | NEG |

| LA        |         | Lactic Acid, Plasma (Venous) |         | LACTATE, PLASMA |         |
|-----------|---------|------------------------------|---------|-----------------|---------|
| Female    | mmol/L  | Male                         | mmol/L  | Female          | mmol/L  |
| At Birth: | 0.5-2.0 | At Birth:                    | 0.5-2.0 | At Birth:       | 0.5-2.0 |

| LACAP     |         | Lactic Acid, Capillary |         | LACTATE   |         |
|-----------|---------|------------------------|---------|-----------|---------|
| Female    | mmol/L  | Male                   | mmol/L  | Female    | mmol/L  |
| At Birth: | 0.5-2.0 | At Birth:              | 0.5-2.0 | At Birth: | 0.5-2.0 |

| LDH       |          | LDH       |          | LACTATE DEHYDROGENASE, LACTATE TO |          |
|-----------|----------|-----------|----------|-----------------------------------|----------|
| Female    | U/L      | Male      | U/L      | Female                            | U/L      |
| At Birth: | 309-1222 | At Birth: | 309-1222 | At Birth:                         | 309-1222 |
| 2 weeks:  | 163-452  | 2 weeks:  | 163-452  | 2 weeks:                          | 163-452  |
| 1 year:   | 192-321  | 1 year:   | 192-321  | 1 year:                           | 192-321  |
| 10 years: | 157-272  | 10 years: | 170-283  | 10 years:                         | 170-283  |
| 15 years: | 130-250  | 15 years: | 130-250  | 15 years:                         | 130-250  |
| 18 years: | 125-265  | 18 years: | 125-265  | 18 years:                         | 125-265  |

Description (continued)

| LDL | LDL Cholesterol (Calc.) | LOW DENSITY LIPOPROTEIN, LDL, |           |       |
|-----|-------------------------|-------------------------------|-----------|-------|
|     | Female                  | mg/dL                         | Male      | mg/dL |
|     | 5 years:                | 57-99                         | 5 years:  | 62-99 |
|     | 20 years:               | <100                          | 20 years: | <100  |

| LIPASE | Lipase    | LIP   |           |       |
|--------|-----------|-------|-----------|-------|
|        | Female    | U/L   | Male      | U/L   |
|        | At Birth: | 4-39  | At Birth: | 4-39  |
|        | 18 years: | 10-70 | 18 years: | 10-70 |

| LITH | Lithium   | SERUM   |           |         |
|------|-----------|---------|-----------|---------|
|      | Female    | mmol/L  | Male      | mmol/L  |
|      | At Birth: | 0.6-1.2 | At Birth: | 0.6-1.2 |

| LYMPH | Lymphocytes | Keyboard DFGUI, DFNGUI |           |   |
|-------|-------------|------------------------|-----------|---|
|       | Female      | %                      | Male      | % |
|       | At Birth:   |                        | At Birth: |   |

| LYMPHA | Lymphs, Absolute | Keyboard DFGUI, DFNGUI |           |          |
|--------|------------------|------------------------|-----------|----------|
|        | Female           | K/uL                   | Male      | K/uL     |
|        | At Birth:        | 2.0-11.0               | At Birth: | 2.0-11.0 |
|        | 1 week:          | 2.0-17.0               | 1 week:   | 2.0-17.0 |
|        | 1 year:          | 4.0-10.5               | 1 year:   | 4.0-10.5 |
|        | 6 years:         | 1.5-7.0                | 6 years:  | 1.5-7.0  |
|        | 14 years:        | 1.2-5.8                | 14 years: | 1.2-5.8  |
|        | 21 years:        | 1.2-3.4                | 21 years: | 1.2-3.4  |

| LYMPHP | Lymphocytes | Keyboard DFGUI, DFNGUI |           |   |
|--------|-------------|------------------------|-----------|---|
|        | Female      | %                      | Male      | % |
|        | At Birth:   |                        | At Birth: |   |

| MCH | MCH       | MEAN CELL HEMOGLOBIN |           |           |
|-----|-----------|----------------------|-----------|-----------|
|     | Female    | pg                   | Male      | pg        |
|     | At Birth: | 31.0-37.0            | At Birth: | 31.0-37.0 |
|     | 1 day:    | 31.0-37.0            | 1 day:    | 31.0-37.0 |
|     | 1 week:   | 28.0-40.0            | 1 week:   | 28.0-40.0 |
|     | 2 weeks:  | 28.0-40.0            | 2 weeks:  | 28.0-40.0 |
|     | 1 month:  | 28.0-40.0            | 1 month:  | 28.0-40.0 |
|     | 2 months: | 26.0-34.0            | 2 months: | 26.0-34.0 |
|     | 3 months: | 25.0-35.0            | 3 months: | 25.0-35.0 |
|     | 6 months: | 23.0-31.0            | 6 months: | 23.0-31.0 |
|     | 1 year:   | 23.0-31.0            | 1 year:   | 23.0-31.0 |
|     | 2 years:  | 24.0-30.0            | 2 years:  | 24.0-30.0 |
|     | 6 years:  | 25.0-33.0            | 6 years:  | 25.0-33.0 |
|     | 12 years: | 25.0-35.0            | 12 years: | 25.0-35.0 |
|     | 18 years: | 26.0-34.0            | 18 years: | 26.0-34.0 |
|     | 49 years: | 25.0-34.0            | 49 years: | 25.0-34.0 |

| MCHC | MCHC      | MEAN CORPUSCULAR HEMOGLOBIN |           |           |
|------|-----------|-----------------------------|-----------|-----------|
|      | Female    | g/dL                        | Male      | g/dL      |
|      | At Birth: | 32.0-36.0                   | At Birth: | 32.0-36.0 |

Description (continued)

| MCV | MCV       | MEAN CELL VOLUME |           |            |
|-----|-----------|------------------|-----------|------------|
|     | Female    | fL               | Male      | fL         |
|     | At Birth: | 98.0-118.0       | At Birth: | 98.0-118.0 |
|     | 1 day:    | 95.0-121.0       | 1 day:    | 95.0-121.0 |
|     | 1 week:   | 88.0-126.0       | 1 week:   | 88.0-126.0 |
|     | 2 weeks:  | 86.0-124.0       | 2 weeks:  | 86.0-124.0 |
|     | 1 month:  | 85.0-123.0       | 1 month:  | 85.0-123.0 |
|     | 2 months: | 77.0-115.0       | 2 months: | 77.0-115.0 |
|     | 3 months: | 74.0-108.0       | 3 months: | 74.0-108.0 |
|     | 6 months: | 70.0-86.0        | 6 months: | 70.0-86.0  |
|     | 1 year:   | 70.0-86.0        | 1 year:   | 70.0-86.0  |
|     | 2 years:  | 75.0-87.0        | 2 years:  | 75.0-87.0  |
|     | 6 years:  | 77.0-95.0        | 6 years:  | 77.0-95.0  |
|     | 12 years: | 78.0-102.0       | 12 years: | 78.0-98.0  |
|     | 18 years: | 80.0-100.0       | 18 years: | 80.0-100.0 |
|     | 49 years: | 80.0-100.0       | 49 years: | 80.0-100.0 |

| MG | Magnesium | TOTAL, SERUM OR PLASMA |           |         |
|----|-----------|------------------------|-----------|---------|
|    | Female    | mg/dL                  | Male      | mg/dL   |
|    | At Birth: | 2.0-3.9                | At Birth: | 2.0-3.9 |
|    | 2 weeks:  | 2.0-3.1                | 2 weeks:  | 2.0-3.1 |
|    | 1 year:   | 2.1-2.8                | 1 year:   | 2.1-2.8 |
|    | 18 years: | 1.9-2.8                | 18 years: | 1.9-2.8 |

| MONO | Monocytes | Keyboard DFGUI, DFNGUI |           |   |
|------|-----------|------------------------|-----------|---|
|      | Female    | %                      | Male      | % |
|      | At Birth: |                        | At Birth: |   |

| MONOA | Monocytes, Absolute | Keyboard DFGUI, DFNGUI |           |         |
|-------|---------------------|------------------------|-----------|---------|
|       | Female              | K/uL                   | Male      | K/uL    |
|       | At Birth:           | 0.4-3.6                | At Birth: | 0.4-3.6 |
|       | 1 week:             | 0.3-2.7                | 1 week:   | 0.3-2.7 |
|       | 1 year:             | 0.0-1.1                | 1 year:   | 0.0-1.1 |
|       | 6 years:            | 0.0-0.8                | 6 years:  | 0.0-0.8 |
|       | 21 years:           | 0.2-0.9                | 21 years: | 0.2-0.9 |

| MONOP | Monocytes | Keyboard DFGUI, DFNGUI |           |   |
|-------|-----------|------------------------|-----------|---|
|       | Female    | %                      | Male      | % |
|       | At Birth: |                        | At Birth: |   |

| NA | Sodium    | SERUM OR PLASMA |           |         |
|----|-----------|-----------------|-----------|---------|
|    | Female    | mmol/L          | Male      | mmol/L  |
|    | At Birth: | 137-146         | At Birth: | 137-146 |

| NA24 | Sodium /24 h | URINE  |           |        |
|------|--------------|--------|-----------|--------|
|      | Female       | mmol/d | Male      | mmol/d |
|      | At Birth:    |        | At Birth: |        |
|      | 6 years:     | 20-69  | 6 years:  | 41-115 |
|      | 10 years:    | 48-168 | 10 years: | 63-177 |
|      | 14 years:    | 40-220 | 14 years: | 40-220 |

| NEUTA | Neutrophils, Absolute | Keyboard DFGUI, DFNGUI |           |          |
|-------|-----------------------|------------------------|-----------|----------|
|       | Female                | K/uL                   | Male      | K/uL     |
|       | At Birth:             | 1.5-10.0               | At Birth: | 1.5-10.0 |
|       | 1 month:              | 1.5-10.0               | 1 month:  | 1.5-10.0 |
|       | 1 year:               | 1.5-8.5                | 1 year:   | 1.5-8.5  |
|       | 6 years:              | 1.5-8.0                | 6 years:  | 1.5-8.0  |
|       | 14 years:             | 1.8-8.0                | 14 years: | 1.8-8.0  |
|       | 21 years:             | 1.8-6.8                | 21 years: | 1.8-6.8  |

Description (continued)

| NEUTP | Neutrophils | Keyboard DFGUI, DFNGUI |           |
|-------|-------------|------------------------|-----------|
|       | Female      | %                      | Male      |
|       | At Birth:   |                        | At Birth: |
|       |             |                        | %         |

| OSM | Osmolality, Serum | ERTOX   |           |
|-----|-------------------|---------|-----------|
|     | Female            | mOsm/kg | Male      |
|     | At Birth:         | 266-295 | At Birth: |
|     | 1 month:          | 278-301 | 1 month:  |
|     |                   |         | mOsm/kg   |

| OSMU | Osmolality, Urine |         |           |
|------|-------------------|---------|-----------|
|      | Female            | mOsm/kg | Male      |
|      | At Birth:         | 300-900 | At Birth: |
|      |                   |         | mOsm/kg   |

| PBAR | Phenobarbital | PHENOBARBITAL, PHENOBARB |           |
|------|---------------|--------------------------|-----------|
|      | Female        | ug/mL                    | Male      |
|      | At Birth:     | 15.0-40.0                | At Birth: |
|      |               |                          | ug/mL     |

| PHOS | Phosphorus | PO4, INORGANIC PHOS, SERUM OR |           |
|------|------------|-------------------------------|-----------|
|      | Female     | mg/dL                         | Male      |
|      | At Birth:  | 4.8-8.2                       | At Birth: |
|      | 2 weeks:   | 4.8-8.4                       | 2 weeks:  |
|      | 1 year:    | 4.3-6.8                       | 1 year:   |
|      | 5 years:   | 4.1-5.9                       | 5 years:  |
|      | 13 years:  | 3.2-5.5                       | 13 years: |
|      | 16 years:  | 2.9-5.0                       | 16 years: |
|      | 18 years:  | 2.3-4.7                       | 18 years: |
|      |            |                               | mg/dL     |

| PHOS24 | Phosphorus /24 h |         |           |
|--------|------------------|---------|-----------|
|        | Female           | g/d     | Male      |
|        | At Birth:        |         | At Birth: |
|        | 18 years:        | 0.4-1.3 | 18 years: |
|        |                  |         | g/d       |

| PHUR | pH, Urine |         |           |
|------|-----------|---------|-----------|
|      | Female    |         | Male      |
|      | At Birth: | 5.0-8.5 | At Birth: |
|      |           |         | 5.0-8.5   |

| PLT | Platelets |         |           |
|-----|-----------|---------|-----------|
|     | Female    | K/uL    | Male      |
|     | At Birth: | 150-400 | At Birth: |
|     | 1 month:  | 150-400 | 1 month:  |
|     |           |         | K/uL      |

| PLTEST | Platelet Estimation | Keyboard DFGUI, DFNGUI |           |
|--------|---------------------|------------------------|-----------|
|        | Female              |                        | Male      |
|        | At Birth:           | PLTOK                  | At Birth: |
|        |                     |                        | PLTOK     |

| PR | Protein, Total | TOTAL PROTEIN, SERUM OR PLASMA |           |
|----|----------------|--------------------------------|-----------|
|    | Female         | g/dL                           | Male      |
|    | At Birth:      | 5.3-8.3                        | At Birth: |
|    | 2 weeks:       | 4.4-7.1                        | 2 weeks:  |
|    | 1 year:        | 6.1-7.5                        | 1 year:   |
|    | 6 years:       | 6.4-7.7                        | 6 years:  |
|    | 9 years:       | 6.5-8.1                        | 9 years:  |
|    | 18 years:      | 6.0-8.4                        | 18 years: |
|    |                |                                | g/dL      |

| PR24 | Protein /24 h |       |           |
|------|---------------|-------|-----------|
|      | Female        | mg/d  | Male      |
|      | 18 years:     | 1-150 | 18 years: |
|      |               |       | mg/d      |

Description (continued)

|               |                                  |   |              |
|---------------|----------------------------------|---|--------------|
| <b>PROTUR</b> | <b>Protein, Urine</b>            | <b>No longer orderable by itself.</b>         |              |
|               | <b>Female</b>                    | <b>mg/dL</b>                                  | <b>Male</b>  |
|               | At Birth:                        | NEG   | At Birth:    |
|               |                                  |   | <b>mg/dL</b> |
|               |                                  |   | NEG          |
| <b>PRU</b>    | <b>Protein, Urine</b>            | <b>Can be used with Random Urine Specimen</b> |              |
|               | <b>Female</b>                    | <b>mg/dL</b>                                  | <b>Male</b>  |
|               | At Birth:                        | 0-12  | At Birth:    |
|               |                                  |   | <b>mg/dL</b> |
|               |                                  |   | 0-12         |
| <b>PSADA</b>  | <b>Prostate Specific Antigen</b> | <b>Inactivated</b>                            |              |
|               | <b>Female</b>                    | <b>ng/mL</b>                                  | <b>Male</b>  |
|               | At Birth:                        | 0.0-4.0                                       | At Birth:    |
|               |                                  |   | <b>ng/mL</b> |
|               |                                  |   | 0.0-4.0      |
| <b>PTNDA</b>  | <b>Phenytoin</b>                 | <b>DILANTIN</b>                               |              |
|               | <b>Female</b>                    | <b>ug/mL</b>                                  | <b>Male</b>  |
|               | At Birth:                        | 10.0-20.0                                     | At Birth:    |
|               |                                  |   | <b>ug/mL</b> |
|               |                                  |   | 10.0-20.0    |
| <b>PTO</b>    | <b>Prothrombin Time</b>          | <b>Prottime</b>                               |              |
|               | <b>Female</b>                    | <b>s</b>                                      | <b>Male</b>  |
|               | At Birth:                        | 13.2-16.7                                     | At Birth:    |
|               | 1 month:                         | 13.2-16.7                                     | 1 month:     |
|               | 6 months:                        | 12.0-15.2                                     | 6 months:    |
|               |                                  |   | <b>s</b>     |
|               |                                  |   | 13.2-16.7    |
|               |                                  |   | 13.2-16.7    |
|               |                                  |   | 12.0-15.2    |
| <b>PTT</b>    | <b>PTT</b>                       | <b>Partial Thromboplastin Time</b>            |              |
|               | <b>Female</b>                    | <b>s</b>                                      | <b>Male</b>  |
|               | At Birth:                        | 31-48   | At Birth:    |
|               | 1 month:                         | 31-48   | 1 month:     |
|               | 6 months:                        | 24-37   | 6 months:    |
|               |                                  |   | <b>s</b>     |
|               |                                  |   | 31-48        |
|               |                                  |   | 31-48        |
|               |                                  |   | 24-37        |
| <b>RBC</b>    | <b>RBC</b>                       | <b>Red Blood Cell Count</b>                   |              |
|               | <b>Female</b>                    | <b>M/uL</b>                                   | <b>Male</b>  |
|               | At Birth:                        | 3.90-5.50                                     | At Birth:    |
|               | 1 day:                           | 4.00-6.60                                     | 1 day:       |
|               | 1 week:                          | 3.90-6.30                                     | 1 week:      |
|               | 2 weeks:                         | 3.60-6.20                                     | 2 weeks:     |
|               | 1 month:                         | 3.00-5.40                                     | 1 month:     |
|               | 2 months:                        | 2.70-4.90                                     | 2 months:    |
|               | 3 months:                        | 3.10-4.50                                     | 3 months:    |
|               | 6 months:                        | 3.70-5.30                                     | 6 months:    |
|               | 1 year:                          | 3.70-5.30                                     | 1 year:      |
|               | 2 years:                         | 3.90-5.30                                     | 2 years:     |
|               | 6 years:                         | 4.00-5.20                                     | 6 years:     |
|               | 12 years:                        | 4.10-5.10                                     | 12 years:    |
|               | 18 years:                        | 4.20-5.40                                     | 18 years:    |
|               |                                  |   | <b>M/uL</b>  |
|               |                                  |   | 3.90-5.50    |
|               |                                  |   | 4.00-6.60    |
|               |                                  |   | 3.90-6.30    |
|               |                                  |   | 3.60-6.20    |
|               |                                  |   | 3.00-5.40    |
|               |                                  |   | 2.70-4.90    |
|               |                                  |   | 3.10-4.50    |
|               |                                  |   | 3.70-5.30    |
|               |                                  |   | 3.70-5.30    |
|               |                                  |   | 3.90-5.30    |
|               |                                  |   | 4.00-5.20    |
|               |                                  |   | 4.50-5.30    |
|               |                                  |   | 4.50-5.90    |
| <b>RBCMOR</b> | <b>RBC Morphology</b>            | <b>Keyboard DFGUI, DFNGUI</b>                 |              |
|               | <b>Female</b>                    |   | <b>Male</b>  |
|               | At Birth:                        | SRI   | At Birth:    |
|               |                                  |   | <b>SRI</b>   |
|               |                                  |   | SRI          |
| <b>RBCUR</b>  | <b>RBC, Urine</b>                |   |              |
|               | <b>Female</b>                    | <b>/hpf</b>                                   | <b>Male</b>  |
|               | At Birth:                        | 0-2   | At Birth:    |
|               |                                  |   | <b>/hpf</b>  |
|               |                                  |   | 0-2          |
| <b>RDW</b>    | <b>RDW</b>                       | <b>RBC DISTRIBUTION WIDTH</b>                 |              |
|               | <b>Female</b>                    | <b>%</b>                                      | <b>Male</b>  |
|               | At Birth:                        | 11.3-15.6                                     | At Birth:    |
|               |                                  |   | <b>%</b>     |
|               |                                  |   | 11.3-15.6    |



Description (continued)

| RETABS | Retic Absolute |             |             |             |
|--------|----------------|-------------|-------------|-------------|
|        | <b>Female</b>  | <b>K/uL</b> | <b>Male</b> | <b>K/uL</b> |
|        | At Birth:      | 27.9-121.6  | At Birth:   | 27.9-121.6  |
|        | 2 weeks:       | 27.2-104.4  | 2 weeks:    | 27.2-104.4  |

| RETIC | Retic Percent |           |             |           |
|-------|---------------|-----------|-------------|-----------|
|       | <b>Female</b> | <b>%</b>  | <b>Male</b> | <b>%</b>  |
|       | At Birth:     | 2.50-6.50 | At Birth:   | 2.50-6.50 |
|       | 2 weeks:      | 0.50-2.10 | 2 weeks:    | 0.50-2.10 |

| RETM | Percent Retic |          | Retired 1 May 2013 |          |
|------|---------------|----------|--------------------|----------|
|      | <b>Female</b> | <b>%</b> | <b>Male</b>        | <b>%</b> |
|      | At Birth:     | 2.5-6.5  | At Birth:          | 2.5-6.5  |
|      | 2 weeks:      | 0.5-1.5  | 2 weeks:           | 0.5-1.5  |

| RISK | Relative Cardiovascular Risk |         | Inactive 11/8/17 |         |
|------|------------------------------|---------|------------------|---------|
|      | <b>Female</b>                |         | <b>Male</b>      |         |
|      | At Birth:                    | 1.0-2.5 | At Birth:        | 1.0-2.5 |

| RISKP | 10 Year Predicted Risk |          | Inactive 11/8/17 |          |
|-------|------------------------|----------|------------------|----------|
|       | <b>Female</b>          | <b>%</b> | <b>Male</b>      | <b>%</b> |
|       | At Birth:              | 3.5-9.0  | At Birth:        | 3.5-9.0  |

| SED15 | ESR, Sedimat 15 |             | Inactivated 05.01.12 |             |
|-------|-----------------|-------------|----------------------|-------------|
|       | <b>Female</b>   | <b>mm/h</b> | <b>Male</b>          | <b>mm/h</b> |
|       | At Birth:       | 0-9         | At Birth:            | 0-9         |
|       | 7 years:        | 0-12        | 7 years:             | 0-12        |
|       | 13 years:       | 0-20        | 13 years:            | 0-15        |
|       | 50 years:       | 0-30        | 50 years:            | 0-20        |

| SEG | Segmented Neutrophils |          | Keyboard DFGUI, DFNGUI |          |
|-----|-----------------------|----------|------------------------|----------|
|     | <b>Female</b>         | <b>%</b> | <b>Male</b>            | <b>%</b> |
|     | At Birth:             |          | At Birth:              |          |

| SHCT | Spun Hematocrit |          |             |          |
|------|-----------------|----------|-------------|----------|
|      | <b>Female</b>   | <b>%</b> | <b>Male</b> | <b>%</b> |
|      | At Birth:       | 42-60    | At Birth:   | 42-60    |
|      | 1 day:          | 45-67    | 1 day:      | 45-67    |
|      | 1 week:         | 42-65    | 1 week:     | 42-65    |
|      | 2 weeks:        | 39-63    | 2 weeks:    | 39-63    |
|      | 1 month:        | 31-55    | 1 month:    | 31-55    |
|      | 2 months:       | 28-42    | 2 months:   | 28-42    |
|      | 3 months:       | 29-41    | 3 months:   | 29-41    |
|      | 6 months:       | 33-39    | 6 months:   | 33-39    |
|      | 1 year:         | 33-39    | 1 year:     | 33-39    |
|      | 2 years:        | 34-40    | 2 years:    | 34-40    |
|      | 6 years:        | 35-45    | 6 years:    | 35-45    |
|      | 12 years:       | 36-46    | 12 years:   | 37-49    |
|      | 18 years:       | 36-46    | 18 years:   | 41-53    |
|      | 49 years:       | 36-46    | 49 years:   | 41-53    |

| SPGRUR | Sp. Gravity, Urine |             | Specific Gravity, Urine |             |
|--------|--------------------|-------------|-------------------------|-------------|
|        | <b>Female</b>      |             | <b>Male</b>             |             |
|        | At Birth:          | 1.003-1.030 | At Birth:               | 1.003-1.030 |

Description (continued)

| T3 | Total T3  | TRIODOTHYRONINE, NOT UPTAKE |           |         |
|----|-----------|-----------------------------|-----------|---------|
|    | Female    | ng/dL                       | Male      | ng/dL   |
|    | At Birth: | 126-231                     | At Birth: | 126-231 |
|    | 1 year:   | 111-195                     | 1 year:   | 111-195 |
|    | 12 years: | 90-179                      | 12 years: | 90-179  |
|    | 16 years: | 81-155                      | 16 years: | 81-155  |
|    | 18 years: | 80-200                      | 18 years: | 80-200  |

| T3F | Free T3   | FREE TRIODOTHYROINE |           |         |
|-----|-----------|---------------------|-----------|---------|
|     | Female    | pg/mL               | Male      | pg/mL   |
|     | 4 days:   | 2.0-5.2             | 4 days:   | 2.0-5.2 |
|     | 1 month:  | 1.5-6.4             | 1 month:  | 1.5-6.4 |
|     | 1 year:   | 2.8-4.4             | 1 year:   | 2.8-4.4 |
|     | 2 years:  | 2.0-6.0             | 2 years:  | 2.0-6.0 |
|     | 7 years:  | 2.7-5.2             | 7 years:  | 2.7-5.2 |
|     | 12 years: | 2.3-5.0             | 12 years: | 2.3-5.0 |
|     | 15 years: | 2.3-3.7             | 15 years: | 2.3-3.9 |
|     | 18 years: | 2.0-4.4             | 18 years: | 2.0-4.4 |

| T4 | Total T4  | Thyroxine |           |           |
|----|-----------|-----------|-----------|-----------|
|    | Female    | ug/dL     | Male      | ug/dL     |
|    | At Birth: | 4.5-17.2  | At Birth: | 4.5-17.2  |
|    | 1 day:    | 10.6-21.4 | 1 day:    | 10.6-21.4 |
|    | 1 week:   | 5.5-13.3  | 1 week:   | 5.5-13.3  |
|    | 1 month:  | 5.9-13.9  | 1 month:  | 5.9-13.9  |
|    | 1 year:   | 5.8-9.9   | 1 year:   | 5.8-9.9   |
|    | 2 years:  | 5.7-11.6  | 2 years:  | 5.7-11.6  |
|    | 9 years:  | 5.1-8.9   | 9 years:  | 5.1-8.9   |
|    | 12 years: | 4.7-7.9   | 12 years: | 4.6-7.9   |
|    | 13 years: | 5.1-10.3  | 13 years: | 5.1-10.3  |
|    | 14 years: | 5.1-12.6  | 14 years: | 4.3-8.2   |
|    | 18 years: | 4.5-11.7  | 18 years: | 4.5-11.7  |

| TEST | Testosterone, Total Serum |       |           |         |
|------|---------------------------|-------|-----------|---------|
|      | Female                    | ng/dL | Male      | ng/dL   |
|      | At Birth:                 |       | 14 years: | 0-562   |
|      |                           |       | 15 years: | 49-769  |
|      |                           |       | 20 years: | 249-836 |
|      |                           |       | 50 years: | 193-740 |

| TGAB | Thyroglobulin Antibodies |           | TGAB      |           |
|------|--------------------------|-----------|-----------|-----------|
|      | Female                   | IU/mL     | Male      | IU/mL     |
|      | At Birth:                | 0.0-115.0 | At Birth: | 0.0-115.0 |

| THEO | Theophylline | AMINOPHYLLINE |           |           |
|------|--------------|---------------|-----------|-----------|
|      | Female       | ug/mL         | Male      | ug/mL     |
|      | At Birth:    | 8.0-19.9      | At Birth: | 8.0-19.9  |
|      | 18 years:    | 10.0-19.9     | 18 years: | 10.0-19.9 |

| TOBP | Tobramycin, Peak |          |           |          |
|------|------------------|----------|-----------|----------|
|      | Female           | ug/mL    | Male      | ug/mL    |
|      | At Birth:        | 5.0-10.0 | At Birth: | 5.0-10.0 |

| TOBT | Tobramycin, Trough |         |           |         |
|------|--------------------|---------|-----------|---------|
|      | Female             | ug/mL   | Male      | ug/mL   |
|      | At Birth:          | 0.0-2.0 | At Birth: | 0.0-2.0 |

Description (continued)

| TPEL | Total Protein |         | FOR SERUM PROTEIN |         |
|------|---------------|---------|-------------------|---------|
|      | Female        | g/dL    | Male              | g/dL    |
|      | At Birth:     | 5.3-8.3 | At Birth:         | 5.3-8.3 |
|      | 2 weeks:      | 4.4-7.1 | 2 weeks:          | 4.4-7.1 |
|      | 1 year:       | 6.1-7.5 | 1 year:           | 6.1-7.5 |
|      | 6 years:      | 6.4-7.7 | 6 years:          | 6.4-7.7 |
|      | 9 years:      | 6.5-8.1 | 9 years:          | 6.5-8.1 |
|      | 18 years:     | 6.0-8.4 | 18 years:         | 6.0-8.4 |

| TPO | Thyroid Peroxidase Antibodies |          | MICROSOMAL ANTI-TPO |          |
|-----|-------------------------------|----------|---------------------|----------|
|     | Female                        | IU/mL    | Male                | IU/mL    |
|     | At Birth:                     | 0.0-34.0 | At Birth:           | 0.0-34.0 |

| TRIG | Triglycerides |        |           |        |
|------|---------------|--------|-----------|--------|
|      | Female        | mg/dL  | Male      | mg/dL  |
|      | At Birth:     | 47-181 | At Birth: | 47-181 |
|      | 2 weeks:      | 36-174 | 2 weeks:  | 36-174 |
|      | 1 year:       | 38-161 | 1 year:   | 38-161 |
|      | 20 years:     | 36-131 | 20 years: | 44-149 |
|      | 25 years:     | 37-144 | 25 years: | 46-149 |
|      | 30 years:     | 39-149 | 30 years: | 50-149 |
|      | 35 years:     | 40-149 | 35 years: | 54-149 |
|      | 40 years:     | 45-149 | 40 years: | 55-149 |
|      | 45 years:     | 46-149 | 45 years: | 58-149 |
|      | 50 years:     | 52-149 | 65 years: | 55-149 |
|      | 55 years:     | 55-149 |           |        |
|      | 60 years:     | 56-149 |           |        |
|      | 65 years:     | 60-149 |           |        |

| TROPIA | Troponin I |           | Troponin I, AxSYM ADV and Architect |           |
|--------|------------|-----------|-------------------------------------|-----------|
|        | Female     | ng/mL     | Male                                | ng/mL     |
|        | At Birth:  | 0.00-0.04 | At Birth:                           | 0.00-0.04 |

| TROPII | ISTAT Troponin I |           | Order ISTAT |           |
|--------|------------------|-----------|-------------|-----------|
|        | Female           | ng/mL     | Male        | ng/mL     |
|        | At Birth:        | 0.00-0.08 | At Birth:   | 0.00-0.08 |

| TRPTDA | TroponinIT |          |           |          |
|--------|------------|----------|-----------|----------|
|        | Female     | ng/L     | Male      | ng/L     |
|        | At Birth:  |          | At Birth: |          |
|        | 21 years:  | 0.0-13.9 | 21 years: | 0.0-21.9 |

| TSH | Thyroid Stimulating Hormone |            | Use code TSHR (w/ reflex FT4) or TSHO (no |            |
|-----|-----------------------------|------------|---|------------|
|     | Female                      | uIU/mL     | Male                                      | uIU/mL     |
|     | At Birth:                   | 0.70-15.20 | At Birth:                                 | 0.70-15.20 |
|     | 1 week:                     | 0.72-11.00 | 1 week:                                   | 0.72-11.00 |
|     | 1 month:                    | 0.72-11.00 | 1 month:                                  | 0.72-11.00 |
|     | 3 months:                   | 0.73-8.35  | 3 months:                                 | 0.73-8.35  |
|     | 1 year:                     | 0.70-5.97  | 1 year:                                   | 0.70-5.97  |
|     | 6 years:                    | 0.60-4.84  | 6 years:                                  | 0.60-4.84  |
|     | 10 years:                   | 0.45-4.50  | 10 years:                                 | 0.45-4.50  |
|     | 18 years:                   | 0.27-4.20  | 18 years:                                 | 0.27-4.20  |
|     | 21 years:                   | 0.46-4.88  | 21 years:                                 | 0.46-4.88  |

| UN24 | Urea Nitrogen /24 h |       |           |       |
|------|---------------------|-------|-----------|-------|
|      | Female              | g/d   | Male      | g/d   |
|      | 18 years:           | 12-20 | 18 years: | 12-20 |

Description (continued)

| UR24 | Uric Acid /24 h |             | URIC ACID, URINE, 24-HOUR |             |
|------|-----------------|-------------|---------------------------|-------------|
|      | <b>Female</b>   | <b>mg/d</b> | <b>Male</b>               | <b>mg/d</b> |
|      | 18 years:       | 250-750     | 18 years:                 | 250-750     |

| URIC | Uric Acid     |              | SERUM OR PLASMA |              |
|------|---------------|--------------|-----------------|--------------|
|      | <b>Female</b> | <b>mg/dL</b> | <b>Male</b>     | <b>mg/dL</b> |
|      | At Birth:     | 2.8-12.7     | At Birth:       | 2.8-12.7     |
|      | 2 weeks:      | 1.6-6.3      | 2 weeks:        | 1.6-6.3      |
|      | 1 year:       | 1.8-4.9      | 1 year:         | 1.8-4.9      |
|      | 12 years:     | 2.6-5.9      | 12 years:       | 2.6-7.6      |
|      | 18 years:     | 2.5-7.5      | 18 years:       | 3.5-8.5      |

| VALP | Valproic Acid |              | DEPAKENE, DEPAKOTE |              |
|------|---------------|--------------|--------------------|--------------|
|      | <b>Female</b> | <b>ug/mL</b> | <b>Male</b>        | <b>ug/mL</b> |
|      | At Birth:     | 50.0-125.0   | At Birth:          | 50.0-125.0   |

| VANCP | Vancomycin, Peak |              | VANCOR      |              |
|-------|------------------|--------------|-------------|--------------|
|       | <b>Female</b>    | <b>ug/mL</b> | <b>Male</b> | <b>ug/mL</b> |
|       | At Birth:        | 30.0-40.0    | At Birth:   | 30.0-40.0    |

| VANCR | Vancomycin, random level |              |             |              |
|-------|--------------------------|--------------|-------------|--------------|
|       | <b>Female</b>            | <b>ug/mL</b> | <b>Male</b> | <b>ug/mL</b> |
|       | At Birth:                | 10.0-20.0    | At Birth:   | 10.0-20.0    |

| VANCT | Vancomycin, Trough |              | VANCOR      |              |
|-------|--------------------|--------------|-------------|--------------|
|       | <b>Female</b>      | <b>ug/mL</b> | <b>Male</b> | <b>ug/mL</b> |
|       | At Birth:          | 10.0-20.0    | At Birth:   | 10.0-20.0    |

| WAXYC | Waxy Casts    |             | Keyboard UA |             |
|-------|---------------|-------------|-------------|-------------|
|       | <b>Female</b> | <b>/lpf</b> | <b>Male</b> | <b>/lpf</b> |
|       | At Birth:     | 0           | At Birth:   | 0           |

| WBC | WBC           |             | WBC, WHITE BLOOD COUNT |             |
|-----|---------------|-------------|------------------------|-------------|
|     | <b>Female</b> | <b>K/uL</b> | <b>Male</b>            | <b>K/uL</b> |
|     | At Birth:     | 9.0-30.0    | At Birth:              | 9.0-30.0    |
|     | 1 day:        | 9.0-34.0    | 1 day:                 | 9.0-34.0    |
|     | 1 week:       | 5.0-21.0    | 1 week:                | 5.0-21.0    |
|     | 2 weeks:      | 5.0-20.0    | 2 weeks:               | 5.0-20.0    |
|     | 1 month:      | 5.0-19.5    | 1 month:               | 5.0-19.5    |
|     | 2 months:     | 5.5-17.0    | 2 months:              | 5.5-17.0    |
|     | 1 year:       | 6.0-17.0    | 1 year:                | 6.0-17.0    |
|     | 2 years:      | 6.0-17.0    | 2 years:               | 6.0-17.0    |
|     | 4 years:      | 5.5-15.5    | 4 years:               | 5.5-15.5    |
|     | 6 years:      | 5.0-14.5    | 6 years:               | 5.0-14.5    |
|     | 8 years:      | 4.5-13.5    | 8 years:               | 4.5-13.5    |
|     | 14 years:     | 4.5-13.0    | 14 years:              | 4.5-13.0    |
|     | 18 years:     | 4.5-12.5    | 18 years:              | 4.5-12.5    |
|     | 20 years:     | 4.5-11.5    | 20 years:              | 4.5-11.5    |
|     | 21 years:     | 3.6-10.6    | 21 years:              | 3.6-10.6    |

| WBCC | WBC Casts     |             | Keyboard UA |             |
|------|---------------|-------------|-------------|-------------|
|      | <b>Female</b> | <b>/lpf</b> | <b>Male</b> | <b>/lpf</b> |
|      | At Birth:     | 0           | At Birth:   | 0           |

| WBCUR | WBC, Urine    |             |             |             |
|-------|---------------|-------------|-------------|-------------|
|       | <b>Female</b> | <b>/hpf</b> | <b>Male</b> | <b>/hpf</b> |
|       | At Birth:     | 0-5         | At Birth:   | 0-5         |