

| TestCode | Epic Component Name              | Location      | Age | Female Ranges (OLD) | Male Ranges (OLD) | X/U Ranges (OLD) | Changed | Female Ranges (NEW) | Male Ranges (NEW) | X/U Range (NEW) |
|----------|----------------------------------|---------------|-----|---------------------|-------------------|------------------|---------|---------------------|-------------------|-----------------|
|          |                                  |               |     | NormalRange         | NormalRange       | NormalRange      |         | NormalRange         | NormalRange       | NormalRange     |
| CNEU6    | NEUTROPHILS %, CSF               | Brooklyn      | 0   | 0-8                 | 0-8               | 0-8              | Changed | 0-6                 | 0-6               | 0-6             |
| CMON6    | MONOCYTES %, CSF                 | Brooklyn      | 0   | 50-90               | 50-90             | 50-90            | Changed | 15-45               | 15-45             | 15-45           |
| CWBC6    | NUCLEATED CELLS, CSF             | Brooklyn      | 0   | 0-30                | 0-30              | 0-30             | Changed | 0-5                 | 0-5               | 0-5             |
| NRBCP6   | NUCLEATED RED BLOOD CELLS %      | Brooklyn      | 4D  | 0                   | 0                 | 0                | Changed | 0.0-0.2             | 0.0-0.2           | 0.0-0.2         |
| NRBCP6   | NUCLEATED RED BLOOD CELLS %      | Brooklyn      | 15D | 0                   | 0                 | 0                | Changed | 0.0-0.2             | 0.0-0.2           | 0.0-0.2         |
| NRBCP6   | NUCLEATED RED BLOOD CELLS %      | Brooklyn      | 1M  | 0                   | 0                 | 0                | Changed | 0.0-0.2             | 0.0-0.2           | 0.0-0.2         |
| NRBCP6   | NUCLEATED RED BLOOD CELLS %      | Brooklyn      | 61D | 0                   | 0                 | 0                | Changed | 0.0-0.2             | 0.0-0.2           | 0.0-0.2         |
| NRBCP6   | NUCLEATED RED BLOOD CELLS %      | Brooklyn      | 6M  | 0                   | 0                 | 0                | Changed | 0.0-0.2             | 0.0-0.2           | 0.0-0.2         |
| NRBCP6   | NUCLEATED RED BLOOD CELLS %      | Brooklyn      | 2Y  | 0                   | 0                 | 0                | Changed | 0.0-0.2             | 0.0-0.2           | 0.0-0.2         |
| NRBCP6   | NUCLEATED RED BLOOD CELLS %      | Brooklyn      | 6Y  | 0                   | 0                 | 0                | Changed | 0.0-0.2             | 0.0-0.2           | 0.0-0.2         |
| NRBCP6   | NUCLEATED RED BLOOD CELLS %      | Brooklyn      | 12Y | 0                   | 0                 | 0                | Changed | 0.0-0.2             | 0.0-0.2           | 0.0-0.2         |
| CLYM6    | LYMPHS %, CSF                    | Brooklyn      | 0   | 5-35                | 5-35              | 5-35             | Changed | 40-80               | 40-80             | 40-80           |
| UPH6     | PH, URINE                        | Brooklyn      | 0   | 4,600-8,000         | 4,600-8,000       | 4,600-8,000      | Changed | 5.0-8.0             | 5.0-8.0           | 5.0-8.0         |
| HYCA6    | HYALINE CASTS                    | Brooklyn      | 0   | 0-2                 | 0-2               | 0-2              | Changed | None Seen           | None Seen         | None Seen       |
| UBCT6    | BACTERIA                         | Brooklyn      | 0   | NEG                 | NEG               | NEG              | Changed | Negative            | Negative          | Negative        |
| PRET6    | RETICULOCYTE COUNT PERCENT       | Brooklyn      | 18Y | 0.5-1.7             | 0.5-1.8           | 0.5-1.8          | Changed | 0.5-2.5             | 0.5-2.5           | 0.5-2.5         |
| USG6     | SPECIFIC GRAVITY, URINE          | Brooklyn      | 0   | 1.010-1.030         | 1.010-1.030       | 1.010-1.030      | Changed | 1.005-1.030         | 1.005-1.030       | 1.005-1.030     |
| PTI6     | PROTHROMBIN TIME                 | Brooklyn      | 0   | 9.9-13.1            | 9.9-13.1          | 9.9-13.1         | Changed | 9.9-13.1            | 9.9-13.1          | 9.9-13.1        |
| PIMGS8   | GRANULOCYTES, IMMATURE %         | Cancer Center | 0   | <1.0                | <1.0              | <1.0             | Changed | 0-2                 | 0-2               | 0-2             |
| AIMGS8   | GRANULOCYTES IMMATURE , ABSOLUTE | Cancer Center | 0   | <0.1                | <0.1              | <0.1             | Changed | 0-0.3               | 0-0.3             | 0-0.3           |
| RDCV8    | RDW-CV                           | Cancer Center | 0   | 11.7-14.4           | 11.6-14.4         | 11.6-14.4        | Changed | 14.6-17.3           | 14.8-17.0         | 14.6-17.3       |
| RDS8     | RDW-SD                           | Cancer Center | 0   | 36.4-46.3           | 35.1-43.9         | 35.1-46.3        | Changed | 51.4-65.7           | 51.0-61.7         | 51.0-65.7       |
| IANC8    | AUTOMATED ANC                    | Cancer Center | 0   | 3.02-11.02          | 3.03-11.01        | 3.02-11.02       | Changed | 3.02-11.02          | 3.03-11.01        | 3.02-11.01      |
| IRF8     | IMMATURE RETIC FRACTION          | Cancer Center | 0   | 3.0-15.9            | 2.3-13.4          | 2.3-15.9         | Changed | 30.5-35.1           | 30.5-35.1         | 30.5-35.1       |
| NBC8     | NUCLEATED RED BLOOD CELLS %      | Cancer Center | 0   | 0-1                 | 0-1               | 0-1              | Changed | 0.0-8.3             | 0.0-8.3           | 0.0-8.3         |
| RCAB8    | RETICULOCYTE ABSOLUTE COUNT      | Cancer Center | 0   | 0.016-0.078         | 0.026-0.095       | 0.016-0.095      | Changed | 0.15-0.22           | 0.15-0.22         | 0.15-0.22       |
| RCP8     | RETICULOCYTE COUNT PERCENT       | Cancer Center | 18Y | 0.5-1.7             | 0.5-1.8           | 0.5-1.8          | Changed | 0.5-2.5             | 0.5-2.5           | 0.5-2.5         |
| MCH8     | MEAN CORPUSCULAR HEMOGLOBIN      | Cancer Center | 0   | 33.0-39.0           | 33.0-39.0         | 33.0-39.0        | Changed | 31.1-35.9           | 31.3-35.6         | 31.1-35.9       |
| MCH8     | MEAN CORPUSCULAR HEMOGLOBIN      | Cancer Center | 1Y  | 24.0-30.0           | 24.0-30.0         | 24.0-30.0        | Changed |                     |                   |                 |
| MCH8     | MEAN CORPUSCULAR HEMOGLOBIN      | Cancer Center | 2Y  | 25.0-31.0           | 25.0-31.0         | 25.0-31.0        | Changed | 23.7-28.6           | 23.7-28.3         | 23.7-28.6       |
| MCH8     | MEAN CORPUSCULAR HEMOGLOBIN      | Cancer Center | 10Y | 26.0-32.0           | 26.0-32.0         | 26.0-32.0        | Changed |                     |                   |                 |
| MPV8     | MEAN PLATELET VOLUME             | Cancer Center | 0   | 9.4-12.3            | 9.4-12.3          | 9.4-12.3         | Changed | 10.4-12.0           | 10.2-11.9         | 10.2-12.0       |
| RBC8     | RED BLOOD CELL COUNT             | Cancer Center | 0   | 4.10-6.70           | 4.10-6.70         | 4.10-6.70        | Changed | 4.10-5.70           | 4.10-5.50         | 4.10-5.70       |
| RBC8     | RED BLOOD CELL COUNT             | Cancer Center | 1M  | 3.80-5.40           | 3.80-5.40         | 3.80-5.40        | Changed | 2.90-3.90           | 3.00-4.20         | 2.90-4.20       |
| RBC8     | RED BLOOD CELL COUNT             | Cancer Center | 2Y  | 4.00-5.30           | 4.00-5.30         | 4.00-5.30        | Changed | 3.80-4.90           | 3.90-5.00         | 3.80-5.00       |
| RBC8     | RED BLOOD CELL COUNT             | Cancer Center | 11Y | 4.10-5.30           | 4.20-5.60         | 4.10-5.60        | Changed |                     |                   |                 |
| RBC8     | RED BLOOD CELL COUNT             | Cancer Center | 18Y | 3.90-5.20           | 4.63-6.08         | 3.90-6.08        | Changed | 3.90-5.20           | 4.60-6.00         | 3.90-6.00       |
| USG8     | SPECIFIC GRAVITY, URINE          | Cancer Center | 0   | 1.005-1.030         | 1.005-1.030       | 1.005-1.030      | Changed | 1.005-1.030         | 1.005-1.030       | 1.005-1.030     |
| PMONS8   | MONOCYTES %                      | Cancer Center | 0   | 4.7-12.5            | 5.3-12.2          |                  | Changed | 5-21                | 7-21              | 5-21            |
| PBAS8    | BASOPHILS %                      | Cancer Center | 0   | 0.1-1.2             | 0.1-1.2           | 0.1-1.2          | Changed | 0-1                 | 0-1               | 0-1             |
| SEG71    | SEGMENTED NEUTROPHILS %          | Cobble Hill   | 0   | 33.2-75.8           | 34.2-76.3         | 33.2-76.3        | Changed | 11-66               | 16-46             | 11-66           |
| SEG71    | SEGMENTED NEUTROPHILS %          | Cobble Hill   | 4D  | 20.1-57.2           | 21.7-62.2         | 20.1-62.2        | Changed | 11-66               | 16-46             | 11-66           |
| SEG71    | SEGMENTED NEUTROPHILS %          | Cobble Hill   | 15D | 18.6-61.8           | 16.6-55.7         | 16.6-61.8        | Changed | 7-57                | 10-55             | 7-57            |
| SEG71    | SEGMENTED NEUTROPHILS %          | Cobble Hill   | 1M  | 17.8-62.0           | 16.0-63.0         | 16.0-63.0        | Changed | 5-68                | 6-49              | 5-68            |
| SEG71    | SEGMENTED NEUTROPHILS %          | Cobble Hill   | 61D | 14-76               | 11.0-48           | 11.0-76          | Changed | 10-76               | 7-48              | 7-76            |
| SEG71    | SEGMENTED NEUTROPHILS %          | Cobble Hill   | 6M  | 17-74               | 18-70             | 17-74            | Changed | 13-74               | 14-70             | 13-74           |
| SEG71    | SEGMENTED NEUTROPHILS %          | Cobble Hill   | 2Y  | 22-69               | 22-69             | 22-69            | Changed | 18-69               | 18-69             | 18-69           |
| SEG71    | SEGMENTED NEUTROPHILS %          | Cobble Hill   | 6Y  | 30-71               | 29-75             | 29-75            | Changed | 26-71               | 25-75             | 25-75           |
| SEG71    | SEGMENTED NEUTROPHILS %          | Cobble Hill   | 12Y | 39-74               | 33-75             | 33-75            | Changed | 35-74               | 29-75             | 29-75           |
| SEG71    | SEGMENTED NEUTROPHILS %          | Cobble Hill   | 18Y | 42-78               | 42-78             | 42-78            | Changed | 30-71               | 30-68             | 30-71           |
| RDCV71   | RDW-CV                           | Cobble Hill   | 0   | 11.5-14.5           | 11.5-14.5         | 11.5-14.5        | Changed | 14.6-17.3           | 14.8-17.0         | 14.6-17.3       |
| NRBC71   | NRBC%                            | Cobble Hill   | 4D  | 0                   | 0                 | 0                | Changed | 0.0-0.2             | 0.0-0.2           | 0.0-0.2         |
| UWBC71   | WHITE BLOOD CELLS, URINE         | Cobble Hill   | 0   | 0-3                 | 0-3               | 0-3              | Changed | 0-5                 | 0-5               | 0-5             |
| HYCA71   | HYALINE CASTS                    | Cobble Hill   | 0   | 0-5                 | 0-5               | 0-5              | Changed | None Seen           | None Seen         | None Seen       |
| WCA71    | WAXY CASTS                       | Cobble Hill   | 0   | 0                   | 0                 |                  | Changed | None Seen           | None Seen         | None Seen       |
| RCCA71   | RBC CASTS                        | Cobble Hill   | 0   | 0                   | 0                 | 0                | Changed | None Seen           | None Seen         | None Seen       |
| WCCA71   | WBC CASTS                        | Cobble Hill   | 0   | 0                   | 0                 |                  | Changed | None Seen           | None Seen         | None Seen       |
| USQ71    | SQUAMOUS EPITHELIAL, URINE       | Cobble Hill   | 0   | 0-5                 | 0-5               | 0-5              | Changed | 0-2                 | 0-2               | 0-2             |
| UBCT71   | BACTERIA                         | Cobble Hill   | 0   | NEG                 | NEG               | NEG              | Changed | Negative            | Negative          | Negative        |
| AMUR71   | AMORPHOUS URATES                 | Cobble Hill   | 0   | NEG                 | NEG               | NEG              | Changed | None Seen           | None Seen         | None Seen       |
| UAC71    | URIC ACID CRYSTALS               | Cobble Hill   | 0   | NEG                 | NEG               | NEG              | Changed | None Seen           | None Seen         | None Seen       |
| CAOX71   | CALCIUM OXALATE CRYSTALS         | Cobble Hill   | 0   | NEG                 | NEG               | NEG              | Changed | None Seen           | None Seen         | None Seen       |
| TPHO71   | TRIPLE PHOSPHATE CRYSTALS        | Cobble Hill   | 0   | NEG                 | NEG               | NEG              | Changed | None Seen           | None Seen         | None Seen       |
| AMBI71   | AMMONIUM BIURATE CRYSTALS        | Cobble Hill   | 0   | NEG                 | NEG               | NEG              | Changed | None Seen           | None Seen         | None Seen       |
| UMCS71   | MUCUS                            | Cobble Hill   | 0   | NEG                 | NEG               | NEG              | Changed | None Seen           | None Seen         | None Seen       |
| CALC71   | CALCIUM PHOSPHATE CRYSTALS       | Cobble Hill   | 0   | NEG                 | NEG               | NEG              | Changed | None Seen           | None Seen         | None Seen       |
| TYRO71   | TYROSINE CRYSTALS                | Cobble Hill   | 0   | NEG                 | NEG               | NEG              | Changed | None Seen           | None Seen         | None Seen       |
| CYST71   | CYSTINE CRYSTALS                 | Cobble Hill   | 0   | NEG                 | NEG               | NEG              | Changed | None Seen           | None Seen         | None Seen       |
| MPV71    | MEAN PLATELET VOLUME             | Cobble Hill   | 0   | 9.5-12.7            | 9.5-12.7          | 9.5-12.7         | Changed | 10.4-12.0           | 10.2-11.9         | 10.2-12.0       |
| USG71    | SPECIFIC GRAVITY, URINE          | Cobble Hill   | 0   | 1.003-1.030         | 1.003-1.030       | 1.003-1.030      | Changed | 1.005-1.030         | 1.005-1.030       | 1.005-1.030     |
| UGLU71   | GLUCOSE, URINE                   | Cobble Hill   | 0   | NEG                 | NEG               | NEG              | Changed | Negative            |                   | Negative        |
| MONO71   | MONOCYTES %                      | Cobble Hill   | 12Y | 4.6-13.5            | 5.3-15.1          | 4.6-15.1         | Changed | 5-14                | 5-15              | 5-15            |

|        |                                                              |             |      |             |             |             |         |                  |                  |                  |
|--------|--------------------------------------------------------------|-------------|------|-------------|-------------|-------------|---------|------------------|------------------|------------------|
| MONO71 | MONOCYTES %                                                  | Cobble Hill | 18Y  | 3-12        | 3-12        | 3-12        | Changed | 5-13             | 5-12             | 5-13             |
| PTT71  | APTT                                                         | Cobble Hill | 0    | 27.0-38.0   | 27.0-38.0   | 27.0-38.0   | Changed | 26-38            | 26-38            | 26-38            |
| INR71  | INR                                                          | Cobble Hill | 0    | 0.9-1.2     | 0.9-1.2     | 0.9-1.2     | Changed | 0.9-1.1          | 0.9-1.1          | 0.9-1.1          |
| PTP71  | PROTHROMBIN TIME                                             | Cobble Hill | 0    | 10.4-13.2   | 10.4-13.2   | 10.4-13.2   | Changed | 9.9-13.1         | 9.9-13.1         | 9.9-13.1         |
| SEGC7  | NEUTROPHILS %, CSF                                           | LICH        | 0    | 0-8         | 0-8         | 0-8         | Changed | 0-6              | 0-6              | 0-6              |
| MONC7  | MONOCYTES %, CSF                                             | LICH        | 0    | 0.00-12.0   | 0.00-12.0   | 0.00-12.0   | Changed | 15-45            | 15-45            | 15-45            |
| NRBC7  | NUCLEATED RED BLOOD CELLS %                                  | LICH        | 0    | 0-8.3       | 0-8.3       | 0-8.3       | Changed | 0-8.3            | 0-8.3            | 0-8.3            |
| NRBC7  | NUCLEATED RED BLOOD CELLS %                                  | LICH        | 4D   | 0           | 0           | 0           | Changed | 0.0-0.2          | 0.0-0.2          | 0.0-0.2          |
| NRBC7  | NUCLEATED RED BLOOD CELLS %                                  | LICH        | 15D  | 0           | 0           | 0           | Changed | 0.0-0.2          | 0.0-0.2          | 0.0-0.2          |
| NRBC7  | NUCLEATED RED BLOOD CELLS %                                  | LICH        | 1M   | 0           | 0           | 0           | Changed | 0.0-0.2          | 0.0-0.2          | 0.0-0.2          |
| NRBC7  | NUCLEATED RED BLOOD CELLS %                                  | LICH        | 61D  | 0           | 0           | 0           | Changed | 0.0-0.2          | 0.0-0.2          | 0.0-0.2          |
| NRBC7  | NUCLEATED RED BLOOD CELLS %                                  | LICH        | 6M   | 0           | 0           | 0           | Changed | 0.0-0.2          | 0.0-0.2          | 0.0-0.2          |
| NRBC7  | NUCLEATED RED BLOOD CELLS %                                  | LICH        | 2Y   | 0           | 0           | 0           | Changed | 0.0-0.2          | 0.0-0.2          | 0.0-0.2          |
| NRBC7  | NUCLEATED RED BLOOD CELLS %                                  | LICH        | 6Y   | 0           | 0           | 0           | Changed | 0.0-0.2          | 0.0-0.2          | 0.0-0.2          |
| NRBC7  | NUCLEATED RED BLOOD CELLS %                                  | LICH        | 12Y  | 0           | 0           | 0           | Changed | 0.0-0.2          | 0.0-0.2          | 0.0-0.2          |
| NRBC7  | NUCLEATED RED BLOOD CELLS %                                  | LICH        | 18Y  | 0.0-0.2     | 0.0-0.2     | 0.0-0.2     | Changed | 0.0-0.2          | 0.0-0.2          | 0.0-0.2          |
| LYMC7  | LYMPHS %, CSF                                                | LICH        | 0    | 10.0-50.0   | 10.0-50.0   | 10.0-50.0   | Changed | 40-80            | 40-80            | 40-80            |
| RC7    | RETICULOCYTE COUNT PERCENT                                   | LICH        | 18Y  | 0.5-1.7     | 0.5-1.8     | 0.5-1.8     | Changed | 0.5-2.5          | 0.5-2.5          | 0.5-2.5          |
| USG7   | SPECIFIC GRAVITY, URINE                                      | LICH        | 0    | 1.005-1.035 | 1.005-1.035 | 1.005-1.035 | Changed | 1.005-1.030      | 1.005-1.030      | 1.005-1.030      |
| PTTP7  | APTT                                                         | LICH        | 0    | 22.8-33.4   | 22.8-33.4   | 22.8-33.4   | Changed | 23-33            | 23-33            | 23-33            |
| XALW7  | ANTI XA LEVEL - ENOXAPARIN/LOW MOLECULAR WEIGHT HEPARIN/LMWH | LICH        | 0    | 0.50-1.00   | 0.50-1.00   | 0.50-1.00   | Changed | 0.5-1.0          | 0.5-1.0          | 0.5-1.0          |
| INR7   | INR                                                          | LICH        | 0    | 0.89-1.18   | 0.89-1.18   | 0.89-1.18   | Changed | 0.9-1.2          | 0.9-1.2          | 0.9-1.2          |
| ESR7   | ERYTHROCYTE SEDIMENTATION RATE                               | LICH        | 0    | 0-20        | 0-15        | 0-20        | Changed | 0-20             | 0-10             | 0-20             |
| PTP7   | PROTHROMBIN TIME                                             | LICH        | 0    | 9.4-12.3    | 9.4-12.3    | 9.4-12.3    | Changed | 9.4-12.3         | 9.4-12.3         | 9.4-12.3         |
| UCRY9  | CRYSTALS                                                     | LOH         | 0    | NEG         | NEG         | NEG         | Changed | No Crystals Seen | No Crystals Seen | No Crystals Seen |
| NRBCP9 | NUCLEATED RED BLOOD CELLS %                                  | LOH         | 4D   | 0           | 0           | 0           | Changed | 0.0-0.2          | 0.0-0.2          | 0.0-0.2          |
| NRBCP9 | NUCLEATED RED BLOOD CELLS %                                  | LOH         | 15D  | 0           | 0           | 0           | Changed | 0.0-0.2          | 0.0-0.2          | 0.0-0.2          |
| NRBCP9 | NUCLEATED RED BLOOD CELLS %                                  | LOH         | 1M   | 0           | 0           | 0           | Changed | 0.0-0.2          | 0.0-0.2          | 0.0-0.2          |
| NRBCP9 | NUCLEATED RED BLOOD CELLS %                                  | LOH         | 61D  | 0           | 0           | 0           | Changed | 0.0-0.2          | 0.0-0.2          | 0.0-0.2          |
| NRBCP9 | NUCLEATED RED BLOOD CELLS %                                  | LOH         | 6M   | 0           | 0           | 0           | Changed | 0.0-0.2          | 0.0-0.2          | 0.0-0.2          |
| NRBCP9 | NUCLEATED RED BLOOD CELLS %                                  | LOH         | 2Y   | 0           | 0           | 0           | Changed | 0.0-0.2          | 0.0-0.2          | 0.0-0.2          |
| NRBCP9 | NUCLEATED RED BLOOD CELLS %                                  | LOH         | 6Y   | 0           | 0           | 0           | Changed | 0.0-0.2          | 0.0-0.2          | 0.0-0.2          |
| NRBCP9 | NUCLEATED RED BLOOD CELLS %                                  | LOH         | 12Y  | 0           | 0           | 0           | Changed | 0.0-0.2          | 0.0-0.2          | 0.0-0.2          |
| UWBC9  | WHITE BLOOD CELLS, URINE                                     | LOH         | 0    | 0-3         | 0-3         | 0-3         | Changed | 0-5              | 0-5              | 0-5              |
| USQ9   | SQUAMOUS EPITHELIAL, URINE                                   | LOH         | 0    | 0-5         | 0-5         | 0-5         | Changed | 0-2              | 0-2              | 0-2              |
| UBCT9  | BACTERIA                                                     | LOH         | 0    | NEG         | NEG         | NEG         | Changed | Negative         | Negative         | Negative         |
| UMCS9  | MUCUS                                                        | LOH         | 0    | NEG         | NEG         | NEG         | Changed | None Seen        | None Seen        | None Seen        |
| USG9   | SPECIFIC GRAVITY, URINE                                      | LOH         | 0    | 1.003-1.030 | 1.003-1.030 | 1.003-1.030 | Changed | 1.005-1.030      | 1.005-1.030      | 1.005-1.030      |
| UCST9  | CASTS                                                        | LOH         | 0    | 0           | 0           | 0           | Changed | 0-2              | 0-2              | 0-2              |
| XALW9  | ANTI XA LEVEL - ENOXAPARIN/LOW MOLECULAR WEIGHT HEPARIN/LMWH | LOH         | 0    | 0.5-1.2     | 0.5-1.2     | 0.5-1.2     | Changed | 0.5-1.0          | 0.5-1.0          | 0.5-1.0          |
| CPOLY5 | NEUTROPHILS %, CSF                                           | Long Island | 0    | 0-8         | 0-8         | 0-8         | Changed | 0-6              | 0-6              | 0-6              |
| CMONO5 | MONOCYTES %, CSF                                             | Long Island | 0    | 50-90       | 50-90       | 50-90       | Changed | 15-45            | 15-45            | 15-45            |
| NRBCP5 | NUCLEATED RED BLOOD CELLS %                                  | Long Island | 4D   | 0           | 0           | 0           | Changed | 0.0-0.2          | 0.0-0.2          | 0.0-0.2          |
| NRBCP5 | NUCLEATED RED BLOOD CELLS %                                  | Long Island | 15D  | 0           | 0           | 0           | Changed | 0.0-0.2          | 0.0-0.2          | 0.0-0.2          |
| NRBCP5 | NUCLEATED RED BLOOD CELLS %                                  | Long Island | 1M   | 0           | 0           | 0           | Changed | 0.0-0.2          | 0.0-0.2          | 0.0-0.2          |
| NRBCP5 | NUCLEATED RED BLOOD CELLS %                                  | Long Island | 61D  | 0           | 0           | 0           | Changed | 0.0-0.2          | 0.0-0.2          | 0.0-0.2          |
| NRBCP5 | NUCLEATED RED BLOOD CELLS %                                  | Long Island | 6M   | 0           | 0           | 0           | Changed | 0.0-0.2          | 0.0-0.2          | 0.0-0.2          |
| NRBCP5 | NUCLEATED RED BLOOD CELLS %                                  | Long Island | 2Y   | 0           | 0           | 0           | Changed | 0.0-0.2          | 0.0-0.2          | 0.0-0.2          |
| NRBCP5 | NUCLEATED RED BLOOD CELLS %                                  | Long Island | 6Y   | 0           | 0           | 0           | Changed | 0.0-0.2          | 0.0-0.2          | 0.0-0.2          |
| NRBCP5 | NUCLEATED RED BLOOD CELLS %                                  | Long Island | 12Y  | 0           | 0           | 0           | Changed | 0.0-0.2          | 0.0-0.2          | 0.0-0.2          |
| WBCU5  | WHITE BLOOD CELLS, URINE                                     | Long Island | 0    | U05         | U05         | U05         | Changed | 0-5              | 0-5              | 0-5              |
| WBCU5  | WHITE BLOOD CELLS, URINE                                     | Long Island | 18Y  | U05         | U05         | U05         | Changed | 0-5              | 0-5              | 0-5              |
| CLYPH5 | LYMPHS %, CSF                                                | Long Island | 0    | 5-35        | 5-35        | 5-35        | Changed | 40-80            | 40-80            | 40-80            |
| USOEP5 | SQUAMOUS EPITHELIAL, URINE                                   | Long Island | 0    | U05         | U05         | U05         | Changed | 0-2              | 0-2              | 0-2              |
| UBACT5 | BACTERIA                                                     | Long Island | 0    | NEG         | NEG         | NEG         | Changed | Negative         | Negative         | Negative         |
| RBCU5  | RED BLOOD CELLS, URINE                                       | Long Island | 0    | U02         | U02         | U02         | Changed | 0-2              | 0-2              | 0-2              |
| PRET5  | RETICULOCYTE COUNT PERCENT                                   | Long Island | 18Y  | 0.5-1.7     | 0.5-1.8     | 0.5-1.8     | Changed | 0.5-2.5          | 0.5-2.5          | 0.5-2.5          |
| USPG5  | SPECIFIC GRAVITY, URINE                                      | Long Island | 0    | 1.005-1.035 | 1.005-1.035 | 1.005-1.035 | Changed | 1.005-1.030      | 1.005-1.030      | 1.005-1.030      |
| PTT5   | APTT                                                         | Long Island | 0    | 25.7-37.6   | 25.7-37.6   | 25.7-37.6   | Changed | 26-38            | 26-38            | 26-38            |
| PTT5   | APTT                                                         | Long Island | 2M   | 25.7-37.6   | 25.7-37.6   | 25.7-37.6   | Changed |                  |                  |                  |
| PTT5   | APTT                                                         | Long Island | 18Y  | 25.7-37.6   | 25.7-37.6   | 25.7-37.6   | Changed |                  |                  |                  |
| VWCO5  | VWF:ACTIVITY                                                 | Long Island | 0    | 75-189      | 75-189      | 75-189      | Changed | 55-195           | 55-195           | 55-195           |
| INRR5  | INR                                                          | Long Island | 0    | 0.86-1.14   | 0.86-1.14   | 0.86-1.14   | Changed | 0.9-1.1          | 0.9-1.1          | 0.9-1.1          |
| INRR5  | INR                                                          | Long Island | 2M   | 0.86-1.14   | 0.86-1.14   | 0.86-1.14   | Changed |                  |                  |                  |
| INRR5  | INR                                                          | Long Island | 18Y  | 0.86-1.14   | 0.86-1.14   | 0.86-1.14   | Changed |                  |                  |                  |
| ESR5   | ERYTHROCYTE SEDIMENTATION RATE                               | Long Island | 0    | 0-2         | 0-2         |             | Changed | 0-20             | 0-10             | 0-20             |
| ESR5   | ERYTHROCYTE SEDIMENTATION RATE                               | Long Island | 1M   | 3-13        | 3-13        |             | Changed |                  |                  |                  |
| ESR5   | ERYTHROCYTE SEDIMENTATION RATE                               | Long Island | 12Y  | <20         |             |             | Changed |                  |                  |                  |
| ESR5   | ERYTHROCYTE SEDIMENTATION RATE                               | Long Island | 14Y  |             | <15         |             | Changed |                  |                  |                  |
| ESR5   | ERYTHROCYTE SEDIMENTATION RATE                               | Long Island | 50Y  | <30         | <20         |             | Changed |                  |                  |                  |
| FXII5  | FACTOR 12 ACTIVITY                                           | Long Island | 0    | 52-164      | 52-164      | 52-164      | Changed |                  |                  |                  |
| FXII5  | FACTOR 12 ACTIVITY                                           | Long Island | 3D   |             |             |             | Changed |                  |                  |                  |
| FXII5  | FACTOR 12 ACTIVITY                                           | Long Island | 30D  |             |             |             | Changed |                  |                  |                  |
| FXII5  | FACTOR 12 ACTIVITY                                           | Long Island | 180D |             |             |             | Changed | 39-115           | 39-115           | 39-115           |

|        |                             |             |      |           |           |           |         |         |         |         |
|--------|-----------------------------|-------------|------|-----------|-----------|-----------|---------|---------|---------|---------|
| FXII5  | FACTOR 12 ACTIVITY          | Long Island | 1Y   |           |           | Changed   | 64-129  | 64-129  | 64-129  |         |
| FXII5  | FACTOR 12 ACTIVITY          | Long Island | 6Y   |           |           | Changed   | 60-140  | 60-140  | 60-140  |         |
| FXII5  | FACTOR 12 ACTIVITY          | Long Island | 11Y  |           |           | Changed   | 34-137  | 34-137  | 34-137  |         |
| FXII5  | FACTOR 12 ACTIVITY          | Long Island | 17Y  |           |           | Changed   | 52-164  | 52-164  | 52-164  |         |
| FXI5   | FACTOR 11 ACTIVITY          | Long Island | 0    | 56-153    | 56-153    | 56-153    | Changed |         |         |         |
| FXI5   | FACTOR 11 ACTIVITY          | Long Island | 3D   |           |           | Changed   |         |         |         |         |
| FXI5   | FACTOR 11 ACTIVITY          | Long Island | 30D  |           |           | Changed   |         |         |         |         |
| FXI5   | FACTOR 11 ACTIVITY          | Long Island | 180D |           |           | Changed   | 38-134  | 38-134  | 38-134  |         |
| FXI5   | FACTOR 11 ACTIVITY          | Long Island | 1Y   |           |           | Changed   | 56-150  | 56-150  | 56-150  |         |
| FXI5   | FACTOR 11 ACTIVITY          | Long Island | 6Y   |           |           | Changed   | 52-120  | 52-120  | 52-120  |         |
| FXI5   | FACTOR 11 ACTIVITY          | Long Island | 11Y  |           |           | Changed   | 50-97   | 50-97   | 50-97   |         |
| FXI5   | FACTOR 11 ACTIVITY          | Long Island | 17Y  |           |           | Changed   | 67-127  | 67-127  | 67-127  |         |
| FX5    | FACTOR 10 ACTIVITY          | Long Island | 0    | 70-152    | 70-152    | 70-152    | Changed |         |         |         |
| FX5    | FACTOR 10 ACTIVITY          | Long Island | 3D   |           |           | Changed   |         |         |         |         |
| FX5    | FACTOR 10 ACTIVITY          | Long Island | 30D  |           |           | Changed   |         |         |         |         |
| FX5    | FACTOR 10 ACTIVITY          | Long Island | 180D |           |           | Changed   | 38-118  | 38-118  | 38-118  |         |
| FX5    | FACTOR 10 ACTIVITY          | Long Island | 1Y   |           |           | Changed   | 58-116  | 58-116  | 58-116  |         |
| FX5    | FACTOR 10 ACTIVITY          | Long Island | 6Y   |           |           | Changed   | 55-101  | 55-101  | 55-101  |         |
| FX5    | FACTOR 10 ACTIVITY          | Long Island | 11Y  |           |           | Changed   | 50-117  | 50-117  | 50-117  |         |
| FX5    | FACTOR 10 ACTIVITY          | Long Island | 17Y  |           |           | Changed   | 70-152  | 70-152  | 70-152  |         |
| FVIII5 | FACTOR 8 ACTIVITY           | Long Island | 0    | 50-149    | 50-149    | 50-149    | Changed |         |         |         |
| FVIII5 | FACTOR 8 ACTIVITY           | Long Island | 3D   |           |           | Changed   |         |         |         |         |
| FVIII5 | FACTOR 8 ACTIVITY           | Long Island | 30D  |           |           | Changed   |         |         |         |         |
| FVIII5 | FACTOR 8 ACTIVITY           | Long Island | 180D |           |           | Changed   | 37-109  | 37-109  | 37-109  |         |
| FVIII5 | FACTOR 8 ACTIVITY           | Long Island | 1Y   |           |           | Changed   | 59-142  | 59-142  | 59-142  |         |
| FVIII5 | FACTOR 8 ACTIVITY           | Long Island | 6Y   |           |           | Changed   | 58-132  | 58-132  | 58-132  |         |
| FVIII5 | FACTOR 8 ACTIVITY           | Long Island | 11Y  |           |           | Changed   | 53-131  | 53-131  | 53-131  |         |
| FVIII5 | FACTOR 8 ACTIVITY           | Long Island | 17Y  |           |           | Changed   | 50-149  | 50-149  | 50-149  |         |
| FVII5  | FACTOR 7 ACTIVITY           | Long Island | 0    | 67-143    | 67-143    | 67-143    | Changed |         |         |         |
| FVII5  | FACTOR 7 ACTIVITY           | Long Island | 3D   |           |           | Changed   |         |         |         |         |
| FVII5  | FACTOR 7 ACTIVITY           | Long Island | 30D  |           |           | Changed   |         |         |         |         |
| FVII5  | FACTOR 7 ACTIVITY           | Long Island | 180D |           |           | Changed   | 47-127  | 47-127  | 47-127  |         |
| FVII5  | FACTOR 7 ACTIVITY           | Long Island | 1Y   |           |           | Changed   | 55-116  | 55-116  | 55-116  |         |
| FVII5  | FACTOR 7 ACTIVITY           | Long Island | 6Y   |           |           | Changed   | 52-120  | 52-120  | 52-120  |         |
| FVII5  | FACTOR 7 ACTIVITY           | Long Island | 11Y  |           |           | Changed   | 58-115  | 58-115  | 58-115  |         |
| FVII5  | FACTOR 7 ACTIVITY           | Long Island | 17Y  |           |           | Changed   | 67-143  | 67-143  | 67-143  |         |
| FV5    | FACTOR 5 ACTIVITY           | Long Island | 0    | 62-150    | 62-150    | 62-150    | Changed |         |         |         |
| FV5    | FACTOR 5 ACTIVITY           | Long Island | 3D   |           |           | Changed   |         |         |         |         |
| FV5    | FACTOR 5 ACTIVITY           | Long Island | 30D  |           |           | Changed   |         |         |         |         |
| FV5    | FACTOR 5 ACTIVITY           | Long Island | 180D |           |           | Changed   | 55-127  | 55-127  | 55-127  |         |
| FV5    | FACTOR 5 ACTIVITY           | Long Island | 1Y   |           |           | Changed   | 79-127  | 79-127  | 79-127  |         |
| FV5    | FACTOR 5 ACTIVITY           | Long Island | 6Y   |           |           | Changed   | 63-116  | 63-116  | 63-116  |         |
| FV5    | FACTOR 5 ACTIVITY           | Long Island | 11Y  |           |           | Changed   | 55-99   | 55-99   | 55-99   |         |
| FV5    | FACTOR 5 ACTIVITY           | Long Island | 17Y  |           |           | Changed   | 62-150  | 62-150  | 62-150  |         |
| FIX5   | FACTOR 9 ACTIVITY           | Long Island | 0    | 55-163    | 55-163    | 55-163    | Changed |         |         |         |
| FIX5   | FACTOR 9 ACTIVITY           | Long Island | 3D   |           |           | Changed   |         |         |         |         |
| FIX5   | FACTOR 9 ACTIVITY           | Long Island | 30D  |           |           | Changed   |         |         |         |         |
| FIX5   | FACTOR 9 ACTIVITY           | Long Island | 180D |           |           | Changed   | 36-136  | 36-136  | 36-136  |         |
| FIX5   | FACTOR 9 ACTIVITY           | Long Island | 1Y   |           |           | Changed   | 47-104  | 47-104  | 47-104  |         |
| FIX5   | FACTOR 9 ACTIVITY           | Long Island | 6Y   |           |           | Changed   | 63-89   | 63-89   | 63-89   |         |
| FIX5   | FACTOR 9 ACTIVITY           | Long Island | 11Y  |           |           | Changed   | 59-122  | 59-122  | 59-122  |         |
| FIX5   | FACTOR 9 ACTIVITY           | Long Island | 17Y  |           |           | Changed   | 55-163  | 55-163  | 55-163  |         |
| FII5   | FACTOR 2 ACTIVITY           | Long Island | 0    | 70-146    | 70-146    | 70-146    | Changed |         |         |         |
| FII5   | FACTOR 2 ACTIVITY           | Long Island | 3D   |           |           | Changed   |         |         |         |         |
| FII5   | FACTOR 2 ACTIVITY           | Long Island | 30D  |           |           | Changed   |         |         |         |         |
| FII5   | FACTOR 2 ACTIVITY           | Long Island | 180D |           |           | Changed   | 60-116  | 60-116  | 60-116  |         |
| FII5   | FACTOR 2 ACTIVITY           | Long Island | 1Y   |           |           | Changed   | 71-116  | 71-116  | 71-116  |         |
| FII5   | FACTOR 2 ACTIVITY           | Long Island | 6Y   |           |           | Changed   | 67-107  | 67-107  | 67-107  |         |
| FII5   | FACTOR 2 ACTIVITY           | Long Island | 11Y  |           |           | Changed   | 61-104  | 61-104  | 61-104  |         |
| FII5   | FACTOR 2 ACTIVITY           | Long Island | 17Y  |           |           | Changed   | 70-146  | 70-146  | 70-146  |         |
| PSEGC  | SEGMENTED NEUTROPHILS %     | Tisch       | 0    | 33.2-75.8 | 34.2-76.3 | 33.2-76.3 | Changed | 33-76   | 34-76   | 33-76   |
| PSEGC  | SEGMENTED NEUTROPHILS %     | Tisch       | 4D   | 20.1-57.2 | 21.7-62.2 | 20.1-62.2 | Changed | 20-57   | 22-62   | 20-62   |
| PSEGC  | SEGMENTED NEUTROPHILS %     | Tisch       | 15D  | 16.6-61.8 | 16.6-55.7 | 16.6-61.8 | Changed | 19-62   | 17-56   | 17-62   |
| PSEGC  | SEGMENTED NEUTROPHILS %     | Tisch       | 1M   | 17.8-62.0 | 16.0-63.0 | 16.0-63.0 | Changed | 18-62   | 16-63   | 16-63   |
| PSEGC  | SEGMENTED NEUTROPHILS %     | Tisch       | 61D  | 14-76     | 11.0-48   | 11.0-76   | Changed | 14-76   | 11-48   | 11-76   |
| PSEGC  | SEGMENTED NEUTROPHILS %     | Tisch       | 6M   | 17-74     | 18-70     | 17-74     | Changed | 17-74   | 18-70   | 17-74   |
| PSEGC  | SEGMENTED NEUTROPHILS %     | Tisch       | 2Y   | 22-69     | 22-69     | 22-69     | Changed | 22-69   | 22-69   | 22-69   |
| PSEGC  | SEGMENTED NEUTROPHILS %     | Tisch       | 6Y   | 30-71     | 29-75     | 29-75     | Changed | 30-71   | 29-75   | 29-75   |
| PSEGC  | SEGMENTED NEUTROPHILS %     | Tisch       | 12Y  | 39-74     | 33-75     | 33-75     | Changed | 39-74   | 33-75   | 33-75   |
| PSEGC  | SEGMENTED NEUTROPHILS %     | Tisch       | 18Y  | 34-71     | 34-68     | 34-71     | Changed | 34-71   | 34-68   | 34-71   |
| NRBCPC | NUCLEATED RED BLOOD CELLS % | Tisch       | 4D   | 0         | 0         | 0         | Changed | 0.0-0.2 | 0.0-0.2 | 0.0-0.2 |
| NRBCPC | NUCLEATED RED BLOOD CELLS % | Tisch       | 15D  | 0         | 0         | 0         | Changed | 0.0-0.2 | 0.0-0.2 | 0.0-0.2 |
| NRBCPC | NUCLEATED RED BLOOD CELLS % | Tisch       | 1M   | 0         | 0         | 0         | Changed | 0.0-0.2 | 0.0-0.2 | 0.0-0.2 |
| NRBCPC | NUCLEATED RED BLOOD CELLS % | Tisch       | 61D  | 0         | 0         | 0         | Changed | 0.0-0.2 | 0.0-0.2 | 0.0-0.2 |

|        |                                                              |       |      |             |             |             |         |             |             |             |
|--------|--------------------------------------------------------------|-------|------|-------------|-------------|-------------|---------|-------------|-------------|-------------|
| NRBCPC | NUCLEATED RED BLOOD CELLS %                                  | Tisch | 6M   | 0           | 0           | 0           | Changed | 0.0-0.2     | 0.0-0.2     | 0.0-0.2     |
| NRBCPC | NUCLEATED RED BLOOD CELLS %                                  | Tisch | 2Y   | 0           | 0           | 0           | Changed | 0.0-0.2     | 0.0-0.2     | 0.0-0.2     |
| NRBCPC | NUCLEATED RED BLOOD CELLS %                                  | Tisch | 6Y   | 0           | 0           | 0           | Changed | 0.0-0.2     | 0.0-0.2     | 0.0-0.2     |
| NRBCPC | NUCLEATED RED BLOOD CELLS %                                  | Tisch | 12Y  | 0           | 0           | 0           | Changed | 0.0-0.2     | 0.0-0.2     | 0.0-0.2     |
| UWBC   | WHITE BLOOD CELLS, URINE                                     | Tisch | 0    | 0-2         | 0-2         | 0-2         | Changed | 0-5         | 0-5         | 0-5         |
| HYCA   | HYALINE CASTS                                                | Tisch | 0    | 0-5         | 0-5         | 0-5         | Changed | None Seen   | None Seen   | None Seen   |
| WCA    | WAXY CASTS                                                   | Tisch | 0    | 0           | 0           | 0           | Changed | None Seen   | None Seen   | None Seen   |
| RCCA   | RBC CASTS                                                    | Tisch | 0    | 0           | 0           | 0           | Changed | None Seen   | None Seen   | None Seen   |
| WCCA   | WBC CASTS                                                    | Tisch | 0    | 0           | 0           | 0           | Changed | None Seen   | None Seen   | None Seen   |
| USQ    | SQUAMOUS EPITHELIAL, URINE                                   | Tisch | 0    | 0-5         | 0-5         | 0-5         | Changed | 0-2         | 0-2         | 0-2         |
| UBCT   | BACTERIA                                                     | Tisch | 0    | NEG         | NEG         | NEG         | Changed | Negative    | Negative    | Negative    |
| AMUR   | AMORPHOUS URATES                                             | Tisch | 0    | NEG         | NEG         | NEG         | Changed | None Seen   | None Seen   | None Seen   |
| UAC    | URIC ACID CRYSTALS                                           | Tisch | 0    | NEG         | NEG         | NEG         | Changed | None Seen   | None Seen   | None Seen   |
| CAOXC  | CALCIUM OXALATE CRYSTALS                                     | Tisch | 0    | NEG         | NEG         | NEG         | Changed | None Seen   | None Seen   | None Seen   |
| TPHOS  | TRIPLE PHOSPHATE CRYSTALS                                    | Tisch | 0    | NEG         | NEG         | NEG         | Changed | None Seen   | None Seen   | None Seen   |
| AMBI   | AMMONIUM BIURATE CRYSTALS                                    | Tisch | 0    | NEG         | NEG         | NEG         | Changed | None Seen   | None Seen   | None Seen   |
| UMCS   | MUCUS                                                        | Tisch | 0    | NEG         | NEG         | NEG         | Changed | None Seen   | None Seen   | None Seen   |
| CALCP  | CALCIUM PHOSPHATE CRYSTALS                                   | Tisch | 0    | NEG         | NEG         | NEG         | Changed | None Seen   | None Seen   | None Seen   |
| TYRO   | TYROSINE CRYSTALS                                            | Tisch | 0    | NEG         | NEG         | NEG         | Changed | None Seen   | None Seen   | None Seen   |
| CYST   | CYSTINE CRYSTALS                                             | Tisch | 0    | NEG         | NEG         | NEG         | Changed | None Seen   | None Seen   | None Seen   |
| USG    | SPECIFIC GRAVITY, URINE                                      | Tisch | 0    | 1.003-1.030 | 1.003-1.030 | 1.003-1.030 | Changed | 1.005-1.030 | 1.005-1.030 | 1.005-1.030 |
| AMONC  | MONOCYTES ABSOLUTE                                           | Tisch | 18Y  | 0.2-0.9     | 0.3-0.8     | 0.2-0.9     | Changed | 0.2-0.9     | 0.3-0.8     | 0.2-0.9     |
| PBLSC  | BLASTS %                                                     | Tisch | 0    | 0           | 0           | 0           | Changed | 0           | 0           | 0           |
| XALW   | ANTI XA LEVEL - ENOXAPARIN/LOW MOLECULAR WEIGHT HEPARIN/LMWH | Tisch | 0    | 0.5-1.2     | 0.5-1.2     | 0.5-1.2     | Changed | 0.5-1.0     | 0.5-1.0     | 0.5-1.0     |
| FXII5  | FACTOR 12 ACTIVITY                                           | Tisch | 0    | 33-73       | 33-73       | 33-73       | Changed |             |             |             |
| FXII5  | FACTOR 12 ACTIVITY                                           | Tisch | 3D   | 29-65       | 29-65       | 29-65       | Changed |             |             |             |
| FXII5  | FACTOR 12 ACTIVITY                                           | Tisch | 30D  | 39-115      | 39-115      | 39-115      | Changed |             |             |             |
| FXII5  | FACTOR 12 ACTIVITY                                           | Tisch | 180D | 39-115      | 39-115      | 39-115      | Changed | 39-115      | 39-115      | 39-115      |
| FXII5  | FACTOR 12 ACTIVITY                                           | Tisch | 1Y   | 64-129      | 64-129      | 64-129      | Changed | 64-129      | 64-129      | 64-129      |
| FXII5  | FACTOR 12 ACTIVITY                                           | Tisch | 6Y   | 60-140      | 60-140      | 60-140      | Changed | 60-140      | 60-140      | 60-140      |
| FXII5  | FACTOR 12 ACTIVITY                                           | Tisch | 11Y  | 34-137      | 34-137      | 34-137      | Changed | 34-137      | 34-137      | 34-137      |
| FXII5  | FACTOR 12 ACTIVITY                                           | Tisch | 17Y  | 52-164      | 52-164      | 52-164      | Changed | 52-164      | 52-164      | 52-164      |
| FXI5   | FACTOR 11 ACTIVITY                                           | Tisch | 0    | 24-52       | 24-52       | 24-52       | Changed |             |             |             |
| FXI5   | FACTOR 11 ACTIVITY                                           | Tisch | 3D   | 39-71       | 39-71       | 39-71       | Changed |             |             |             |
| FXI5   | FACTOR 11 ACTIVITY                                           | Tisch | 30D  | 49-134      | 49-134      | 49-134      | Changed |             |             |             |
| FXI5   | FACTOR 11 ACTIVITY                                           | Tisch | 180D | 49-134      | 49-134      | 49-134      | Changed | 38-134      | 38-134      | 38-134      |
| FXI5   | FACTOR 11 ACTIVITY                                           | Tisch | 1Y   | 56-150      | 56-150      | 56-150      | Changed | 56-150      | 56-150      | 56-150      |
| FXI5   | FACTOR 11 ACTIVITY                                           | Tisch | 6Y   | 52-120      | 52-120      | 52-120      | Changed | 52-120      | 52-120      | 52-120      |
| FXI5   | FACTOR 11 ACTIVITY                                           | Tisch | 11Y  | 50-97       | 50-97       | 50-97       | Changed | 50-97       | 50-97       | 50-97       |
| FXI5   | FACTOR 11 ACTIVITY                                           | Tisch | 17Y  | 56-153      | 56-153      | 56-153      | Changed | 67-127      | 67-127      | 67-127      |
| FX5    | FACTOR 10 ACTIVITY                                           | Tisch | 0    | 26-54       | 26-54       | 26-54       | Changed |             |             |             |
| FX5    | FACTOR 10 ACTIVITY                                           | Tisch | 3D   | 34-64       | 34-64       | 34-64       | Changed |             |             |             |
| FX5    | FACTOR 10 ACTIVITY                                           | Tisch | 30D  | 38-118      | 38-118      | 38-118      | Changed |             |             |             |
| FX5    | FACTOR 10 ACTIVITY                                           | Tisch | 180D | 38-118      | 38-118      | 38-118      | Changed | 38-118      | 38-118      | 38-118      |
| FX5    | FACTOR 10 ACTIVITY                                           | Tisch | 1Y   | 38-118      | 38-118      | 38-118      | Changed | 58-116      | 58-116      | 58-116      |
| FX5    | FACTOR 10 ACTIVITY                                           | Tisch | 6Y   | 55-101      | 55-101      | 55-101      | Changed | 55-101      | 55-101      | 55-101      |
| FX5    | FACTOR 10 ACTIVITY                                           | Tisch | 11Y  | 50-117      | 50-117      | 50-117      | Changed | 50-117      | 50-117      | 50-117      |
| FX5    | FACTOR 10 ACTIVITY                                           | Tisch | 17Y  | 70-152      | 70-152      | 70-152      | Changed | 70-152      | 70-152      | 70-152      |
| FVIII5 | FACTOR 8 ACTIVITY                                            | Tisch | 0    | 61-139      | 61-139      | 61-139      | Changed |             |             |             |
| FVIII5 | FACTOR 8 ACTIVITY                                            | Tisch | 3D   | 55-121      | 55-121      | 55-121      | Changed |             |             |             |
| FVIII5 | FACTOR 8 ACTIVITY                                            | Tisch | 30D  | 50-109      | 50-109      | 50-109      | Changed |             |             |             |
| FVIII5 | FACTOR 8 ACTIVITY                                            | Tisch | 180D | 50-109      | 50-109      | 50-109      | Changed | 37-109      | 37-109      | 37-109      |
| FVIII5 | FACTOR 8 ACTIVITY                                            | Tisch | 1Y   | 59-142      | 59-142      | 59-142      | Changed | 59-142      | 59-142      | 59-142      |
| FVIII5 | FACTOR 8 ACTIVITY                                            | Tisch | 6Y   | 58-132      | 58-132      | 58-132      | Changed | 58-132      | 58-132      | 58-132      |
| FVIII5 | FACTOR 8 ACTIVITY                                            | Tisch | 11Y  | 53-131      | 53-131      | 53-131      | Changed | 53-131      | 53-131      | 53-131      |
| FVIII5 | FACTOR 8 ACTIVITY                                            | Tisch | 17Y  | 50-149      | 50-149      | 50-149      | Changed | 50-149      | 50-149      | 50-149      |
| FVII5  | FACTOR 7 ACTIVITY                                            | Tisch | 0    | 47-87       | 47-87       | 47-87       | Changed |             |             |             |
| FVII5  | FACTOR 7 ACTIVITY                                            | Tisch | 3D   | 62-116      | 62-116      | 62-116      | Changed |             |             |             |
| FVII5  | FACTOR 7 ACTIVITY                                            | Tisch | 30D  | 47-127      | 47-127      | 47-127      | Changed |             |             |             |
| FVII5  | FACTOR 7 ACTIVITY                                            | Tisch | 180D | 47-127      | 47-127      | 47-127      | Changed | 47-127      | 47-127      | 47-127      |
| FVII5  | FACTOR 7 ACTIVITY                                            | Tisch | 1Y   | 55-116      | 55-116      | 55-116      | Changed | 55-116      | 55-116      | 55-116      |
| FVII5  | FACTOR 7 ACTIVITY                                            | Tisch | 6Y   | 52-120      | 52-120      | 52-120      | Changed | 52-120      | 52-120      | 52-120      |
| FVII5  | FACTOR 7 ACTIVITY                                            | Tisch | 11Y  | 55-115      | 55-115      | 55-115      | Changed | 58-115      | 58-115      | 58-115      |
| FVII5  | FACTOR 7 ACTIVITY                                            | Tisch | 17Y  | 67-143      | 67-143      | 67-143      | Changed | 67-143      | 67-143      | 67-143      |
| FV5    | FACTOR 5 ACTIVITY                                            | Tisch | 0    | 54-90       | 54-90       | 54-90       | Changed |             |             |             |
| FV5    | FACTOR 5 ACTIVITY                                            | Tisch | 3D   | 70-120      | 70-120      | 70-120      | Changed |             |             |             |
| FV5    | FACTOR 5 ACTIVITY                                            | Tisch | 30D  | 55-127      | 55-127      | 55-127      | Changed |             |             |             |
| FV5    | FACTOR 5 ACTIVITY                                            | Tisch | 180D | 55-127      | 55-127      | 55-127      | Changed | 55-127      | 55-127      | 55-127      |
| FV5    | FACTOR 5 ACTIVITY                                            | Tisch | 1Y   | 79-127      | 79-127      | 79-127      | Changed | 79-127      | 79-127      | 79-127      |
| FV5    | FACTOR 5 ACTIVITY                                            | Tisch | 6Y   | 63-116      | 63-116      | 63-116      | Changed | 63-116      | 63-116      | 63-116      |
| FV5    | FACTOR 5 ACTIVITY                                            | Tisch | 11Y  | 55-99       | 55-99       | 55-99       | Changed | 55-99       | 55-99       | 55-99       |
| FV5    | FACTOR 5 ACTIVITY                                            | Tisch | 17Y  | 62-150      | 62-150      | 62-150      | Changed | 62-150      | 62-150      | 62-150      |
| FIX5   | FACTOR 9 ACTIVITY                                            | Tisch | 0    | 34-72       | 34-72       | 34-72       | Changed |             |             |             |
| FIX5   | FACTOR 9 ACTIVITY                                            | Tisch | 3D   | 34-72       | 34-72       | 34-72       | Changed |             |             |             |

|        |                          |             |      |           |           |           |         |                    |        |        |
|--------|--------------------------|-------------|------|-----------|-----------|-----------|---------|--------------------|--------|--------|
| FIX5   | FACTOR 9 ACTIVITY        | Tisch       | 30D  | 36-136    | 36-136    | 36-136    | Changed |                    |        |        |
| FIX5   | FACTOR 9 ACTIVITY        | Tisch       | 180D | 36-136    | 36-136    | 36-136    | Changed | 36-136             | 36-136 | 36-136 |
| FIX5   | FACTOR 9 ACTIVITY        | Tisch       | 1Y   | 47-104    | 47-104    | 47-104    | Changed | 47-104             | 47-104 | 47-104 |
| FIX5   | FACTOR 9 ACTIVITY        | Tisch       | 6Y   | 63-89     | 63-89     | 63-89     | Changed | 63-89              | 63-89  | 63-89  |
| FIX5   | FACTOR 9 ACTIVITY        | Tisch       | 11Y  | 59-122    | 59-122    | 59-122    | Changed | 59-122             | 59-122 | 59-122 |
| FIX5   | FACTOR 9 ACTIVITY        | Tisch       | 17Y  | 55-163    | 55-163    | 55-163    | Changed | 55-163             | 55-163 | 55-163 |
| FII5   | FACTOR 2 ACTIVITY        | Tisch       | 0    | 39-59     | 39-59     | 39-59     | Changed |                    |        |        |
| FII5   | FACTOR 2 ACTIVITY        | Tisch       | 3D   | 48-78     | 48-78     | 48-78     | Changed |                    |        |        |
| FII5   | FACTOR 2 ACTIVITY        | Tisch       | 30D  | 60-116    | 60-116    | 60-116    | Changed |                    |        |        |
| FII5   | FACTOR 2 ACTIVITY        | Tisch       | 180D | 60-116    | 60-116    | 60-116    | Changed | 60-116             | 60-116 | 60-116 |
| FII5   | FACTOR 2 ACTIVITY        | Tisch       | 1Y   | 71-116    | 71-116    | 71-116    | Changed | 71-116             | 71-116 | 71-116 |
| FII5   | FACTOR 2 ACTIVITY        | Tisch       | 6Y   | 67-107    | 67-107    | 67-107    | Changed | 67-107             | 67-107 | 67-107 |
| FII5   | FACTOR 2 ACTIVITY        | Tisch       | 11Y  | 61-104    | 61-104    | 61-104    | Changed | 61-104             | 61-104 | 61-104 |
| FII5   | FACTOR 2 ACTIVITY        | Tisch       | 17Y  | 70-146    | 70-146    | 70-146    | Changed | 70-146             | 70-146 | 70-146 |
| PTT6   | PTT                      | Brooklyn    | 0    | 25.7-37.6 | 25.7-37.6 | 25.7-37.6 | Changed | 26-38              | 26-38  | 26-38  |
| ATIII5 | ANTI THROMBIN 3 ACTIVITY | Long Island | 0    | 74-126    | 74-126    | 74-126    | Changed |                    |        |        |
| ATIII5 | ANTI THROMBIN 3 ACTIVITY | Long Island | 180D |           |           |           | Changed | 84-124             | 84-124 | 84-124 |
| ATIII5 | ANTI THROMBIN 3 ACTIVITY | Long Island | 1Y   |           |           |           | Changed | 82-139             | 82-139 | 82-139 |
| ATIII5 | ANTI THROMBIN 3 ACTIVITY | Long Island | 6Y   |           |           |           | Changed | 90-131             | 90-131 | 90-131 |
| ATIII5 | ANTI THROMBIN 3 ACTIVITY | Long Island | 11Y  |           |           |           | Changed | 77-132             | 77-132 | 77-132 |
| ATIII5 | ANTI THROMBIN 3 ACTIVITY | Long Island | 17Y  |           |           |           | Changed | 74-126             | 74-126 | 74-126 |
| PROTC5 | PROTEIN C ACTIVITY       | Long Island | 0    | 64-128    | 64-128    | 64-128    | Changed |                    |        |        |
| PROTC5 | PROTEIN C ACTIVITY       | Long Island | 180D |           |           |           | Changed | 37-181             | 37-181 | 37-181 |
| PROTC5 | PROTEIN C ACTIVITY       | Long Island | 1Y   |           |           |           | Changed | 40-92              | 40-92  | 40-92  |
| PROTC5 | PROTEIN C ACTIVITY       | Long Island | 6Y   |           |           |           | Changed | 45-93              | 45-93  | 45-93  |
| PROTC5 | PROTEIN C ACTIVITY       | Long Island | 11Y  |           |           |           | Changed | 55-111             | 55-111 | 55-111 |
| PROTC5 | PROTEIN C ACTIVITY       | Long Island | 17Y  |           |           |           | Changed | 64-128             | 64-128 | 64-128 |
| KBET5  | KLEIHauer BETKE          | Long Island | 0    |           | mL Bleed  |           | Changed | % Fetal Cells seen |        |        |
| VWAG5  | VON WILLEBRAND ANTIGEN   | Long Island | 0    | 50-158    | 50-158    | 50-158    | Changed |                    |        |        |
| VWAG5  | VON WILLEBRAND ANTIGEN   | Long Island | 180D |           |           |           | Changed | 50-197             | 50-197 | 50-197 |
| VWAG5  | VON WILLEBRAND ANTIGEN   | Long Island | 1Y   |           |           |           | Changed | 60-120             | 60-120 | 60-120 |
| VWAG5  | VON WILLEBRAND ANTIGEN   | Long Island | 6Y   |           |           |           | Changed | 44-144             | 44-144 | 44-144 |
| VWAG5  | VON WILLEBRAND ANTIGEN   | Long Island | 11Y  |           |           |           | Changed | 46-153             | 46-153 | 46-153 |
| VWAG5  | VON WILLEBRAND ANTIGEN   | Long Island | 17Y  |           |           |           | Changed | 50-158             | 50-158 | 50-158 |
| PROTS5 | FREE PROTEIN S ACTIVITY  | Long Island | 0    | 55-147    | 55-147    | 55-147    | Changed |                    |        |        |
| PROTS5 | FREE PROTEIN S ACTIVITY  | Long Island | 180D |           |           |           | Changed | 45-115             | 45-115 | 45-115 |
| PROTS5 | FREE PROTEIN S ACTIVITY  | Long Island | 1Y   |           |           |           | Changed | 62-120             | 62-120 | 62-120 |
| PROTS5 | FREE PROTEIN S ACTIVITY  | Long Island | 6Y   |           |           |           | Changed | 62-130             | 62-130 | 62-130 |
| PROTS5 | FREE PROTEIN S ACTIVITY  | Long Island | 10Y  |           |           |           | Changed | 60-140             | 60-140 | 60-140 |
| PROTS5 | FREE PROTEIN S ACTIVITY  | Long Island | 18Y  |           |           |           | Changed | 55-123             | 74-147 | 55-147 |