



## CHEMISTRY

### SPECIAL CHEMISTRY

| Test / (Unit of Measure)     | Critical Result<br><b>Less Than:</b> | Critical Result<br><b>Greater Than:</b> | Critical Result<br><b>Equal to:</b> |
|------------------------------|--------------------------------------|---|-------------------------------------|
| Acetaminophen (ug/mL)        |                                      | 50                                      |                                     |
| Carbamazepine (ug/mL)        |                                      | 13                                      |                                     |
| Digoxin (ug/mL)              |                                      | 2.2                                     |                                     |
| Lithium (mmol/L)             | 0.59                                 | 1.3                                     |                                     |
| Phenytoin (ug/mL)            |                                      | 20                                      |                                     |
| Salicylate (mg/dL)           |                                      | 30                                      |                                     |
| Vancomycin – peak (ug/mL)    |                                      | 40                                      |                                     |
| Vancomycin – trough (ug./mL) | 10.0                                 | 20                                      |                                     |

### COAGULATION

| Test/ (Unit of Measure)        | Critical Result<br><b>Less Than:</b> | Critical Result<br><b>Greater Than:</b> | Critical Result<br><b>Equal to:</b> |
|--------------------------------|--------------------------------------|---|-------------------------------------|
| Bleeding Time (minutes)        |                                      | 15                                      |                                     |
| INR                            |                                      | 4.0                                     |                                     |
| PTT – not on heparin (seconds) |                                      | 50                                      |                                     |
| PTT – on heparin (seconds)     |                                      | 120                                     |                                     |
| PTT (seconds)                  |                                      | 120                                     |                                     |

| Test/ (Unit of Measure)  | Critical Result<br><b>Less Than or Equal to:</b> | Critical Result<br><b>Greater Than or Equal to:</b> |
|--------------------------|--|---|
| Amylase (U/L)            |  | 750 (initial test only)                             |
| Bilirubin, Total (mg/dL) |  | 12.0 (newborns only)                                |
| BUN (mg/dL)              |  | 100   |
| Calcium (mg/dL)          | 7.0  | 12.0  |
| Carbon Dioxide (meq/L)   | 15.0   | 40  |
| Creatinine (mg/dL)       |  | 5   |
| Glucose (mg/dL)          | 50   | 500   |
| Magnesium (mg/dL)        | 0.9  | 3.0   |
| Potassium (meq/L)        | 3.0  | 6.0   |
| Sodium (meq/L)           | 120  | 160   |
| Uric acid (mg/dL)        |  | 15.0  |

## HEMATOLOGY

| Test/ (Unit of Measure)                  | Critical Result<br>Less Than or<br>equal to: | Critical Result<br>Greater Than<br>or equal to: | Critical<br>Result Equal<br>to:                     |
|--|--|---|---|
| Absolute Neutrophil Count (not oncology) | 0.5  |   |   |
| Absolute Neutrophil Count (oncology)     | 1.4  |   |   |
| Differential                             |  |   | All slides<br>with young<br>or<br>abnormal<br>cells |
| Hemoglobin (g/dL)                        | 7  | 19  |   |
| Hemoglobin (g/dL)- newborn 1-7 days old  |  | 24  |   |
| Hematocrit (%)                           | 20   | 60  |   |
| Platelet Count (mm <sup>3</sup> )        | 50,000                                       |   |   |
| WBC (mm <sup>3</sup> )                   | 2,500  | 30,000  |   |

## MICROBIOLOGY

| Test                         | Critical Result<br>Equal to:                                     | Comment  |
|------------------------------|--|--|
| Blood Culture                | Growth in culture or on<br>gram stain                            | * the patients provider<br>will be contacted<br>directly for all positive<br>results. In addition,<br>nursing units will be<br>notified for inpatients.<br>Patient cultures drawn<br>in the ER and not<br>admitted will be called<br>to the ER only. |
| CSF Culture                  | Growth in culture or on<br>gram stain                            |  |
| Body Fluid Culture           | Growth in culture or on<br>gram stain                            |  |
| Sputum Gram<br>Stain/Culture | Growth in culture or on<br>gram stain indicating<br>Staph aureus |  |

## SEROLOGY

No critical values

## URINALYSIS

| Test                       | Critical Result  | Comment                |
|----------------------------|--|------------------------|
| Clinitest                  | Positive   | with negative dipstick |
| Dipstick glucose & ketones | 3+ or greater glucose<br><b>AND</b> 2+ or greater ketone |                        |

### Abnormal Results:

*As a courtesy to our providers, we will call these results until 9 pm daily. Reports completed after this time will be called the following morning.*

### ABNORMAL RESULTS

| Test  | Abnormal Value to be called |
|---|-----------------------------|
| Drug level (not listed above as critical)                     | Outside of reference range  |
| C. Difficile  | Positive                    |
| Group A Strep Screen  | Positive                    |
| Group A Strep Culture   | Positive for Group A Strep  |
| Group B Strep (in women of child bearing age)                 | Positive                    |
| Salmonella &/or Shigella (to be confirmed by a reference lab) | Positive                    |
| RSV   | Positive                    |
| Bordetella Pertussis  | Positive                    |
| State Laboratory Reportable Disease                           | Confirmed Abnormal          |