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| **⬩⬩Place Patient Label Here⬩⬩** | Performing Tech |  |
| Source |  |
| Color |  |
| Clarity |  |
| Tube # (CSF only) |  |
| Volume |  |

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| **Specimen Quality** | |
| **Possible Conditions** | **ETC code needed to enter if condition is present** |
| Xanthochromia | SUPRN-XAN = supernatant xanthochromic |
| Clotted (> half) | FLDCLT = fluid contains clot(s), cell count invalid >> *cancel order per procedure protocol* |
| Clotted (≤ half) | CPINAC = clot(s) present, counts may be inaccurate |
| Cell Clumps/Debris | DPINAC = cellular debris present, counts may be inaccurate |

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| **Cell Count - Automated** | | | |
| Acceptable samples for automated counts include: Synovial, pleural, peritoneal, pericardial, and highly cellular CSFs. | | |
|  | **Pre Bkgd Counts** | **Results** |
| WBC | Must be ≤ 0.001 | \_\_\_\_\_\_\_ x \_\_\_\_\_\_\_ = \_\_\_\_\_\_\_  TC-BF/µL Dilution Factor Total Nucleated Count/µL |
|  |
| RBC | Must be ≤ 0.003 | \_\_\_\_\_\_\_ x \_\_\_\_\_\_\_ = \_\_\_\_\_\_\_  RBC-BF/µL Dilution Factor Total RBC/µL |
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| **Cell Count – Manual**  Side 1 and Side 2 agreement criteria: Counts >100 ± 20%; Counts ≤100 ± 10 cells | | | | | |
| Is the Hemocytometer clean, bright, and free of scratches? | | Yes No | Special Handling Used? | New Methylene Blue Glacial Acetic Acid |
| WBC | [( \_\_\_\_\_\_ + \_\_\_\_\_\_ ) x \_\_\_\_\_\_ x 10 ] / \_\_\_\_\_\_ = \_\_\_\_\_\_  Side 1 Side 2 Dilution Factor Total large Total Nucleated  squares counted Count/µL | | | |
| RBC | [( \_\_\_\_\_\_ + \_\_\_\_\_\_ ) x \_\_\_\_\_\_ x 10 ] / \_\_\_\_\_\_ = \_\_\_\_\_\_  Side 1 Side 2 Dilution Factor Total large Total RBC/µL  squares counted | | | |

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| **Math Review**  Automated and Manual | |  | **Diluent Check**  Complete when using a diluent for automated and manual | | | |
| All math checked by second tech: |  |  | Lot # | Open Vial Exp  (7 days) | WBC  Must be ≤0.001 | RBC  Must be ≤0.003 |
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| **Cytospin Correlation to Count**  Automated and Manual | | |  | **Billing and Reference Ranges**  Circle which was billed/charted | | |
| **WBC / µL** | **Approximate # WBC on cytospin slide** | |  | CSF  (billing) | WBC ≤ 5 | **CNTCSF** |
| 0 – 5 | 5 – 50 | |  | WBC ≥ 6 | **DIFCSF** |
| 5 – 10 | 50 – 100 | |  | BFLD  (reference range) | All counts reported | **FLREFR** |
| 10 – 100 | 100 – 1000 | |  |
| >100 | >1000 | |  |  | | |
| Correlate? | Yes | No  Recount and remake slide |  |  | | |

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| Acceptable samples for automated counts include: Synovial, pleural, peritoneal, pericardial, and highly cellular CSFs. | | |
|  | **Pre Bkgd Counts** | **Results** |
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| **Cell Count – Manual**  Side 1 and Side 2 agreement criteria: Counts >100 ± 20%; Counts ≤100 ± 10 cells | | | | | |
| Is the Hemocytometer clean, bright, and free of scratches? | | Yes No | Special Handling Used? | New Methylene Blue Glacial Acetic Acid |
| WBC | [( \_\_\_\_\_\_ + \_\_\_\_\_\_ ) x \_\_\_\_\_\_ x 10 ] / \_\_\_\_\_\_ = \_\_\_\_\_\_  Side 1 Side 2 Dilution Factor Total large Total Nucleated  squares counted Count/µL | | | |
| RBC | [( \_\_\_\_\_\_ + \_\_\_\_\_\_ ) x \_\_\_\_\_\_ x 10 ] / \_\_\_\_\_\_ = \_\_\_\_\_\_  Side 1 Side 2 Dilution Factor Total large Total RBC/µL  squares counted | | | |

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| **Math Review**  Automated and Manual | |  | **Diluent Check**  Complete when using a diluent for automated and manual | | | |
| All math checked by second tech: |  |  | Lot # | Open Vial Exp  (7 days) | WBC  Must be ≤0.001 | RBC  Must be ≤0.003 |
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| **Cytospin Correlation to Count**  Automated and Manual | | |  | **Billing and Reference Ranges**  Circle which was billed/charted | | |
| **WBC / µL** | **Approximate # WBC on cytospin slide** | |  | CSF  (billing) | WBC ≤ 5 | **CNTCSF** |
| 0 – 5 | 5 – 50 | |  | WBC ≥ 6 | **DIFCSF** |
| 5 – 10 | 50 – 100 | |  | BFLD  (reference range) | All counts reported | **FLREFR** |
| 10 – 100 | 100 – 1000 | |  |
| >100 | >1000 | |  |  | | |
| Correlate? | Yes | No  Recount and remake slide |  |  | | |