



Client Update

NOVEMBER 2020

| Test Name | Test Code | Effective Date |
|--------------------------------|------------|------------------|
| 10-Color Flow Cytometry | N/A | See Below |

Please be informed that our flow cytometry laboratory will be converting to 10-color Flow Cytometry on the BD Lyrisc in December **2020**. Over the past few years, instrument manufacturers have begun to produce benchtop instruments capable of the simultaneous detection of 10 or more fluorochromes, and with the advent of an increasing variety of fluorochromes suitable for immunotyping, the possibility of next generation multicolor flow cytometry is rapidly becoming a reality.

Next generation 10-color flow cytometry panel offers several potential advantages over previous 6-color flow cytometric approach. These include the following

1. Increased accuracy of population identification
2. Better utilization of small or scanty specimens (e.g., fine-needle aspirates and body fluids)
3. More antibodies per analysis leading to decreased “add-ons” and more diagnostic insights with many of the most popular combinations of antibodies

As part of this transition, the following test codes will be updated.

| Previous Test Information | New Test Information |
|---|--|
| Myeloid Lymphoid & Acute Leukemia Panel 5515 – Global 5516 – Tech Only | Acute 10 Color Leukemia/Lymphoma Panel TH61 – Global TH64 – Tech Only |
| Lymphoproliferative Disorder Analysis 5535 – Global 5536 – Tech Only | Chronic 10 Color Lymphoproliferative Panel TH66 – Global TH65 – Tech Only |
| Myeloid & Lymphoid Analysis (Short Panel) B271 – Global B338 – Tech Only | 10 Color Screening (short) Panel (for CSF and other low cellularity samples) TK69 – Global TK81 – Tech Only |

More information will be provided on next release of client update. Please contact our GenPath Account Executive if you have any questions about this positive change, or contact our GenPath Customer Service department at GenPathcustomerservice@genpathdiagnostics.com or 1 800 627 1479.



Client Update

NOVEMBER 2020

| Test Name | Test Code | Effective Date |
|---------------------------------|-------------|-------------------------|
| REGIONAL UPDATE - RET-He | 5848 | October 28, 2020 |

Due to recent changes, the reference range for RET-HE has been updated when performed at our Elmwood Park, NJ, Melbourne, FL, and Campbell, CA laboratory locations.

| | Previous Test Information | New Test Information |
|-----------------|---------------------------|----------------------|
| Reference Range | 28.2-36.6 pg | 21.1-36.3 pg |

| Test Name | Test Code | Effective Date |
|---|-------------------------------|-------------------------|
| REGIONAL UPDATE - TSH, TSH with Reflex, TSH 0 min, TSH (DTC) | 0153, A518, 3543, TG83 | October 22, 2020 |

Due to recent changes, the reference range for TSH has been updated when performed at our Elmwood Park, NJ, Melbourne, FL, and Houston, TX laboratory locations.

| | Previous Test Information | New Test Information | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|----------------------|----------------|-----------|-------------|---------|-------------|---------|-------------|----------|-------------|-----------|-------------|-----------|-------------|---------|-------------|---|-----|----------------|-----------|--------------|------------|-----------------|---------|-------------|---------|-------------|----------|-------------|-----------|-------------|-----------|-------------|---------|-------------|
| Reference Range | TSH REFERENCE RANGES | TSH REFERENCE RANGES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th>Age</th> <th>Range (uIU/mL)</th> </tr> </thead> <tbody> <tr><td>0-30 days</td><td>0.064-4.570</td></tr> <tr><td>2-23 mo</td><td>0.246-4.849</td></tr> <tr><td>2-5 yrs</td><td>0.688-4.750</td></tr> <tr><td>6-10 yrs</td><td>0.782-4.730</td></tr> <tr><td>11-14 yrs</td><td>0.634-4.610</td></tr> <tr><td>15-18 yrs</td><td>0.478-4.380</td></tr> <tr><td>>18 yrs</td><td>0.234-4.020</td></tr> </tbody> </table> | Age | Range (uIU/mL) | 0-30 days | 0.064-4.570 | 2-23 mo | 0.246-4.849 | 2-5 yrs | 0.688-4.750 | 6-10 yrs | 0.782-4.730 | 11-14 yrs | 0.634-4.610 | 15-18 yrs | 0.478-4.380 | >18 yrs | 0.234-4.020 | <table border="1"> <thead> <tr> <th>Age</th> <th>Range (uIU/mL)</th> </tr> </thead> <tbody> <tr><td>0-30 days</td><td>0.347-11.257</td></tr> <tr><td>31-60 days</td><td>Not Established</td></tr> <tr><td>2-23 mo</td><td>0.822-5.338</td></tr> <tr><td>2-5 yrs</td><td>0.940-4.963</td></tr> <tr><td>6-10 yrs</td><td>0.875-4.781</td></tr> <tr><td>11-14 yrs</td><td>0.729-4.551</td></tr> <tr><td>15-18 yrs</td><td>0.570-3.890</td></tr> <tr><td>>18 yrs</td><td>0.009-4.340</td></tr> </tbody> </table> | Age | Range (uIU/mL) | 0-30 days | 0.347-11.257 | 31-60 days | Not Established | 2-23 mo | 0.822-5.338 | 2-5 yrs | 0.940-4.963 | 6-10 yrs | 0.875-4.781 | 11-14 yrs | 0.729-4.551 | 15-18 yrs | 0.570-3.890 | >18 yrs | 0.009-4.340 |
| Age | Range (uIU/mL) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0-30 days | 0.064-4.570 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2-23 mo | 0.246-4.849 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2-5 yrs | 0.688-4.750 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6-10 yrs | 0.782-4.730 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11-14 yrs | 0.634-4.610 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15-18 yrs | 0.478-4.380 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| >18 yrs | 0.234-4.020 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Age | Range (uIU/mL) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0-30 days | 0.347-11.257 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31-60 days | Not Established | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2-23 mo | 0.822-5.338 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2-5 yrs | 0.940-4.963 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6-10 yrs | 0.875-4.781 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11-14 yrs | 0.729-4.551 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15-18 yrs | 0.570-3.890 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| >18 yrs | 0.009-4.340 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



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NOVEMBER 2020

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|-----------|-----------|----------------|
|-----------|-----------|----------------|

| | | |
|---|---------------|-------------------------|
| REMINDER - COVID-19, FLU A AND FLU B | M123-8 | October 19, 2020 |
|---|---------------|-------------------------|

Differentiating COVID-19 patients from those with Influenza A or B (flu) will be especially important during the fall and winter months. Both types of infections can have very similar symptoms, and it may not be possible in many cases to differentiate based on clinical history alone.

BioReference Laboratories is now offering a multiplex test for COVID-19 and flu A/B, using a single sample. This allows for more rapid diagnosis, conserves critical testing supplies, and provides surveillance for flu and COVID-19. Identifying the correct infectious agent, especially in high-risk populations, will allow for early treatment and appropriate management. Other testing options for COVID-19 and flu continue to be available.

| TEST INFORMATION | |
|-------------------------|---|
| Primary Container | Dacron-tipped plastic swab with universal transport media (BioReference Item # 510) Please refer to the most current CDC guidelines for further information on collecting, handling, and testing clinical specimens. www.cdc.gov/coronavirus/2019-nCoV/lab/guidelines-clinical-specimens.html and the FDA FAQs on Diagnostic Testing for SARS-CoV-2 "What If I Do Not Have...?" www.fda.gov/medical-devices/emergency-situations-medical-devices/faqsdiagnostic-testing-sars-cov-2 |
| Minimum Volume | 3mL universal or viral transport media (UTM/VTM) or saline |
| Turn Around Time* | 3 days |
| Transportation Temp | Refrigerate (2-8°C) |
| Stability | 5 days at 2–8° C 2 days at 2–25° C followed by 3 days at 2-8° C Frozen 30 days |
| Methodology | Multiplex Real-Time RT-PCR |
| Reference Range | Not Detected |
| Collection Instructions | Patients under investigation of COVID-19 and seeking evaluation of the disease will not be collected at BioReference Patient Service Centers. Specimen should be collected at physician offices, hospitals or other clinic settings. As of March 24, 2020, the FDA and CDC recommend collecting and testing an upper respiratory specimen with a nasopharyngeal collection (NP), placed in 3 mL of transport media, as the preferred choice for swab-based SARS-CoV-2 testing. If a NP specimen cannot be collected, nasal collection is acceptable. Label specimen with patient name. Place in specimen bag and label with "COVID-19" and submit to laboratory. Oropharyngeal swab or pooled collection <u>cannot</u> be used for the multiplex COVID-19, Influenza A/B assay (M123). |
| CPT Code(s)** | 87636 |

| | | |
|---|------------|------------|
| REMINDER- Customer Satisfaction Survey | N/A | N/A |
|---|------------|------------|

To help us continually improve our services, we ask that our valued clients complete a customer satisfaction survey. Please visit: bit.ly/BRCS2020 to take the survey. Completing this survey should only take about 5 minutes. Thank you in advance for your participation!

NOTES:
 To subscribe to receive client updates via email, please visit <http://bioreferencelabs.bioreference.com/go-green>

* TAT is based upon receipt of the specimen at the laboratory.
 **CPT codes provided are based on AMA guidelines and are for informational purposes only. CPT coding is the sole responsibility of the billing party. Please direct any questions regarding coding to the payer being billed.