

Technical Update • December 2021

Cleveland Clinic Laboratories is dedicated to keeping you updated and informed about recent testing changes. This Technical Update is provided on a monthly basis to notify you of any changes to the tests in our catalog.

Recently changed tests are bolded, and they could include revisions to methodology, reference range, days performed, or CPT code. Deleted tests and new tests are listed separately. For your convenience, tests are listed alphabetically and order codes are provided.

To compare the new information with previous test information, refer to the online Test Directory at clevelandcliniclabs.com. Test information is updated in the online Test Directory on the Effective Date stated in the Technical Update. Please update your database as necessary.

For additional detail, contact Client Services at 216.444.5755 or 800.628.6816, or via email at clientservices@ccf.org.

Test Update Page #	Summary of Changes by Test Name	Order Code	Name Change	New Test	Test Discontinued	Special Information	Specimen Requirement	Component Change(s)	Methodology	Reference Range	Days Performed/Reported	Stability	CPT	Fee
2	5-Hydroxyindoleacetic Acid, Urine 24 Hour													
2	5-Hydroxyindoleacetic Acid, Urine Random													
2, 6	Anti-Alpha Fodrin Ab, IgA													
2, 6	Anti-Alpha Fodrin Ab, IgG													
2, 6	Anti Alpha Fodrin Ab, IgG & IgA													
2	Bacterial Vaginosis Amplification													
3	BK Virus Quantitation PCR, Plasma													
3	Candida / Trichomonas Amplification													
3	Cytomegalovirus DNA Detection and Quantitation by PCR													
3	Direct Renin													
3	EBV by PCR Quantitative													
4	GC/Chlamydia Amplification, Genital, Rectal and Oral Specimens													
4	Hepatitis B Viral DNA, Ultra Quant													
4	Hepatitis C RNA by PCR													
4	Lactate/Pyruvate													
4	Lead, Blood													
4, 6	Neuron Specific Enolase, CSF													
4	Pyruvic Acid													
4, 6	Torch Antibodies, IgM													

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5	Vanillylmandelic Acid, Urine 24 Hour												
5	Vanillylmandelic Acid, Urine Random												
5	Vitamin B1 (Thiamine), Whole Blood												

Test Changes

Test Name	Order Code	Change	Effective Date
5-Hydroxyindoleacetic Acid, Urine 24 Hourw	UHIAAD	Stability: Ambient: Unacceptable Refrigerated: 14 days Frozen: 14 days Reference Range: Less than 7.6 mg/24 hrs	1/4/22
5-Hydroxyindoleacetic Acid, Urine Random	UHIAR2	Stability: Ambient: Unacceptable Refrigerated: 14 days Frozen: 14 days Reference Range: 5HIAA Random (UHIAAR) 0–11 Months: <37.2 mg/g crt 1–2 Years: <28.7 mg/g crt 3–4 Years: <23.7 mg/g crt 5–7 Years: <18.6 mg/g crt 8–10 Years: <15.2 mg/g crt 11–13 Years: <11.8 mg/g crt 14–19 Years: <8.5 mg/g crt 20–99 Years: <6.6 mg/g crt Urine, Creatinine (UCSC07) Male 18–99 Years: 46.8–314.5 mg/dL Female 18–99 Years: 42.2–237.9 mg/dL	1/4/22
Anti-Alpha Fodrin Ab, IgA	FODIGA	CPT: 83516 Price: \$100.00	effective immediately
Anti-Alpha Fodrin Ab, IgG	FODIGG	CPT: 83516 Price: \$100.00	effective immediately
Anti Alpha Fodrin Ab, IgG & IgA	FODAG	CPT: 83516 (x2) Price: \$180.00	effective immediately
Bacterial Vaginosis Amplification	BVAMP	Specimen Requirement: Swab, genital in Aptima Multitest Collection Kit; Ambient; Only the Aptima Multitest Swab Specimen Collection Kit is acceptable. A separate swab/tube must be submitted if GC/CT testing is desired as well.	effective immediately

Test Changes (Cont.)

Test Name	Order Code	Change	Effective Date
BK Virus Quantitation PCR, Plasma	BKQUAN	<p>Specimen Requirement: 2 mL plasma from EDTA Plasma Preparation (White) tube; Minimum: 1 mL; Refrigerated; Plasma must be separated within 24 hours of collection. If aliquoting is necessary, sterile aliquot tubes must be used. Sample cannot be shared with a test performed outside of Molecular Microbiology. Sample can only be shared with CMVQNT, HCQPCR, HIVRNA, HBVDNU, EBVQNT, or BKQUAN.</p> <p>*OR* 2 mL plasma from EDTA (Lavender) tube; Minimum 1 mL; Refrigerated; Plasma must be separated within 24 hours of collection. If aliquoting is necessary, sterile aliquot tubes must be used. Sample cannot be shared with a test performed outside of Molecular Microbiology. Sample can only be shared with CMVQNT, HCQPCR, HIVRNA, HBVDNU, EBVQNT, or BKQUAN.</p> <p>*OR* 2 mL plasma from EDTA Plasma Preparation (White) tube; Minimum 1 mL; Frozen; Plasma must be separated within 24 hours of collection. Prior to freezing, specimen must be aliquoted into a sterile secondary tube. Sample cannot be shared with a test performed outside of Molecular Microbiology. Sample can only be shared with CMVQNT, HCQPCR, HIVRNA, HBVDNU, EBVQNT, or BKQUAN.</p>	effective immediately
Candida / Trichomonas Amplification	CVTV	<p>Specimen Requirement: Swab, genital in Aptima Multitest Collection Kit; Ambient; Only the Aptima Multitest Swab Specimen Collection Kit is acceptable. A separate swab/tube must be submitted if GC/CT testing is desired as well.</p>	effective immediately
Cytomegalovirus DNA Detection and Quantitation by PCR	CMVQNT	<p>Specimen Requirement: 2 mL plasma from EDTA Plasma Preparation (White) tube; Minimum 1 mL; Plasma must be separated from whole blood within 36 hours of collection by centrifugation for samples stored at 2-25 degrees Celsius. Sample cannot be shared with a test performed outside of Molecular Microbiology. Sample can only be shared with CMVQNT, HCQPCR, HIVRNA, HBVDNU, EBVQNT, or BKQUAN.</p> <p>*OR* 2 mL plasma from EDTA (Lavender) tube; Minimum 1 mL; Plasma must be separated from whole blood within 36 hours of collection by centrifugation for samples stored at 2-25 degrees Celsius. Transfer plasma to a sterile, screw-capped polypropylene tube. Sample cannot be shared with a test performed outside of Molecular Microbiology. Sample can only be shared with CMVQNT, HCQPCR, HIVRNA, HBVDNU, EBVQNT, or BKQUAN.</p> <p>*OR* 2 mL plasma from EDTA (Pink) tube; Minimum 1 mL; Plasma must be separated from whole blood within 36 hours of collection by centrifugation for samples stored at 2-25 degrees Celsius. Transfer plasma to a sterile, screw-capped polypropylene tube. Sample cannot be shared with a test performed outside of Molecular Microbiology. Sample can only be shared with CMVQNT, HCQPCR, HIVRNA, HBVDNU, EBVQNT, or BKQUAN.</p> <p>Stability: Ambient: Transport and store whole blood up to 25 degrees Celsius for no longer than 36 hours. Separate plasma from whole blood within 36 hours of collection if stored at temperatures up to 25 degrees Celsius. Refrigerated: Store and transport whole blood at 2-25 degrees Celsius. Separate plasma from whole blood within 36 hours. Plasma specimens stored refrigerated (2-8 C) are stable for up to 6 days. Frozen: Plasma specimens may be transported and stored at -20 C. Plasma specimens stored frozen (-20 C) are stable for 12 weeks. Do not freeze specimens in PPT tubes.</p>	effective immediately
Direct Renin	RENIND	<p>Stability: Ambient: Unacceptable Refrigerated: Unacceptable Frozen: 30 days</p>	12/7/21
EBV by PCR Quantitative	EBVQNT	<p>Specimen Requirement: 2 mL plasma from EDTA Plasma Preparation (White) tube; Minimum 1 mL; Refrigerated; Sample cannot be shared with a test performed outside of Molecular Microbiology. Sample can only be shared with CMVQNT, HCQPCR, HIVRNA, HBVDNU, EBVQNT, or BKQUAN. If aliquoting is necessary, sterile aliquot tubes must be used. Plasma preparation must be completed within 24 hours.</p> <p>Stability: Ambient: 24 hours Refrigerated: 6 days Frozen: Frozen whole blood is unacceptable. Frozen plasma stability is 6 months.</p> <p>Reference Range: EBV not detected by PCR</p>	effective immediately

Test Changes (Cont.)

Test Name	Order Code	Change	Effective Date
GC/Chlamydia Amplification, Genital, Rectal and Oral Specimens	GCCT	Specimen Requirement: One APTIMA Collection Vaginal swab; Ambient; Vaginal swab is optimal for screening asymptomatic women; may also be used for testing women with vaginal discharge or cervicitis. A separate swab/tube must be submitted if BVAMP or CVTV testing is desired as well.	effective immediately
Hepatitis B Viral DNA, Ultra Quant	HBVDNU	Specimen Requirement: 2 mL plasma from EDTA Plasma Preparation (White) tube; Minimum 1.5 mL; Refrigerated; Separate plasma from red cells within 24 hours of collection. If aliquoting is necessary, sterile aliquot tubes must be used. Sample must be aliquoted first if sample is to be frozen. Sample cannot be shared with a test performed outside of Molecular Microbiology. Sample can only be shared with CMVQNT, HCQPCR, HIVRNA, HBVDNU, EBVQNT, or BKQUAN. *OR* 2 mL plasma from EDTA (Lavender) tube; Minimum 1.5 mL; Refrigerated; Separate plasma from red cells within 24 hours of collection. Sterile aliquot tubes must be used. Sample must be aliquoted first if sample is to be frozen. Sample cannot be shared with a test performed outside of Molecular Microbiology. Sample can only be shared with CMVQNT, HCQPCR, HIVRNA, HBVDNU, EBVQNT, or BKQUAN. *OR* 2 mL serum from Serum Separator (Gold) tube; Minimum 1.5 mL; Refrigerated; Separate serum from red cells within 24 hours of collection. If aliquoting is necessary, sterile aliquot tubes must be used. Sample must be aliquoted first if sample is to be frozen. Sample cannot be shared with a test performed outside of Molecular Microbiology. Sample can only be shared with CMVQNT, HCQPCR, HIVRNA, HBVDNU, EBVQNT, or BKQUAN.	effective immediately
Hepatitis C RNA by PCR	HCQPCR	Specimen Requirement: 3 mL plasma from EDTA Plasma Preparation (White) tube; Minimum: 1.5 mL; Refrigerated; Centrifuge within 24 hours of collection. Sample must be aliquoted first if sample is to be frozen. Sample cannot be shared with a test performed outside of Molecular Microbiology. Sample can only be shared with CMVQNT, HCQPCR, HIVRNA, HBVDNU, EBVQNT, or BKQUAN. *OR* 3 mL plasma from EDTA (Lavender) tube; Minimum 1.5 mL; Refrigerated; Centrifuge within 24 hours. Aliquot into sterile transport tube. Sample cannot be shared with a test performed outside of Molecular Microbiology. Sample can only be shared with CMVQNT, HCQPCR, HIVRNA, HBVDNU, EBVQNT, or BKQUAN. *OR* 3mL serum from Serum Separator (Gold) tube; Minimum 1.5 mL; Refrigerated; Centrifuge within 24 hours of collection. Sample must be aliquoted first if sample is to be frozen. Sample cannot be shared with a test performed outside of Molecular Microbiology. Sample can only be shared with CMVQNT, HCQPCR, HIVRNA, HBVDNU, EBVQNT, or BKQUAN.	effective immediately
Lactate/Pyruvate	LACPYP	Stability: Ambient: 8 hours *Stability information is for TCA treated sample. Refrigerated: 6 days *Stability information is for TCA treated sample. Frozen: 3 days *Stability information is for TCA treated sample.	effective immediately
Lead, Blood	LEAD2	Reference Range: 0.0–3.4 ug/dL	1/4/22
Neuron Specific Enolase, CSF	CNSE	NOTE* Test update was announced in the November update, but financial information was not available at that time Price: \$105.00	effective immediately
Pyruvic Acid	PYRUV	Stability: Ambient: 8 hours *Stability information is for TCA treated sample. Refrigerated: 6 days *Stability information is for TCA treated sample. Frozen: 3 days *Stability information is for TCA treated sample.	effective immediately
Torch Antibodies, IgM	TORCHM	Price: \$180.00	effective immediately

Test Changes (Cont.)

Test Name	Order Code	Change	Effective Date
Vanillylmandelic Acid, Urine 24 Hour	UVMA24	<p>Stability: Ambient: Unacceptable Refrigerated: 14 days Frozen: 14 days</p> <p>Reference Range: Vanilmandelic Acid, Urine (UVMA) 0-6 Months: 7.1-16.8 mg/g crt 6-12 Months: 8.1-17.1 mg/g crt 1-2 Years: 6.4-15.1 mg/g crt 2-3 Years: 5.0-11.4 mg/g crt 3-5 Years: 4.1-9.7 mg/g crt 6-11 Years: 2.9-7.3 mg/g crt 12-17 Years: 1.7-4.6 mg/g crt 18-99 Years: 1.4-5.2 mg/g crt VMA Urine, 24hr (UVMAC) 0-17 Years: 2.0-4.3 mg/24 hrs 18-99 Years: 1.8-5.7 mg/24 hrs</p>	1/4/22
Vanillylmandelic Acid, Urine Random	UVMAR	<p>Stability: Ambient: Unacceptable Refrigerated: 14 days Frozen: 14 days</p> <p>Reference Range: Vanilmandelic Acid, Urine (UVMA) 0-6 Months: 7.1-16.8 mg/g crt 6-12 Months: 8.1-17.1 mg/g crt 1-2 Years: 6.4-15.1 mg/g crt 2-3 Years: 5.0-11.4 mg/g crt 3-5 Years: 4.1-9.7 mg/g crt 6-11 Years: 2.9-7.3 mg/g crt 12-17 Years: 1.7-4.6 mg/g crt 18-99 Years: 1.4-5.2 mg/g crt Urine, Creatinine (UCSC08) Male 18-99 Years: 46.8-314.5 mg/dL Female 18-99 Years: 42.2-237.9 mg/dL</p>	1/4/22
Vitamin B1 (Thiamine), Whole Blood	B1WB	<p>Stability: Refrigerated: 7 days Frozen: 60 days</p>	effective immediately

Fee Increases

Test Name	Order Code	List Fee	CPT Code	Effective Date
Anti-Alpha Fodrin Ab, IgA	FODIGA	\$100.00	83516	effective immediately
Anti-Alpha Fodrin Ab, IgG	FODIGG	\$100.00	83516	effective immediately
Anti Alpha Fodrin Ab, IgG & IgA	FODAG	\$180.00	83516	effective immediately
Torch Antibodies, IgM	TORCHM	\$180.00		effective immediately

Fee Reductions

Test Name	Order Code	List Fee	CPT Code	Effective Date
Neuron Specific Enolase, CSF	CNSE	\$105.00	86316	effective immediately