March 2025

HNL Lab Medicine®

LAB-LINK

NEW AND UPDATED TESTING INFORMATION

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FOR THE MOST UP-TO-DATE TEST INFORMATION, VISIT OUR ONLINE HANDBOOK AT **HNL.COM/TESTMENU**

The American Medical Association (AMA) Current Procedural Terminology (CPT) codes published by HNL Lab Medicine are guidelines and are intended for informational purposes only. CPT coding is the exclusive responsibility of the billing entity. HNL Lab Medicine strongly recommends confirmation of CPT codes with third-party payors and/or the AMA. We assume no responsibility for billing errors due to reliance upon CPT codes provided by HNL Lab Medicine. OIG guidelines recommend tests ordered should be reasonable and necessary for the patient, given their clinical condition. Physicians who order medically unnecessary tests for which federal healthcare plan reimbursement is claimed may be subject to penalties. Individual components of profiles or panels may be ordered individually. Physicians who consider reflex testing unnecessary may order an initial test without the reflexed test. Reflex or confirmation tests are performed at an additional charge.

HNL Lab Medicine®
794 Roble Road
Allentown, PA 18109

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TEST UPDATES

The following tests have been updated to reflect the latest clinical guidelines and ensure optimal accuracy in patient care.
Please refer to the updates listed in bold.

TEST UPDATE

Methylmalonic Acid (MMA)

Effective Date	Tuesday, February 25, 2025
Test Name	Methylmalonic Acid
Test Code	MMA
Unit Change	**Unit change from µmol/L to nmol/L**
Container Change	**Lavender EDTA no longer accepted**

Zinc (ZNC)

Effective Date	Wednesday, February 26, 2025
Test Name	Zinc
Test Code	ZNC

New Reference Range

Age	Male	Female
0 to 2 m	50–123	50–123
3 to 4 m	44–133	51–124
5 to 10 m	49–134	49–134
≥11 m	44–115	44–115

Copper (CU)

Effective Date	Wednesday, February 26, 2025
Test Name	Copper
Test Code	CU

New Reference Range

Age / Male	
0 to 4 m	38–122
5 to 6 m	55–131
7 to 10 m	64–142
11 m to 5 y	81–152
6 to 10 y	80–141
11 to 15 y	67–128
16 to 30 y	63–121
>30 y	69–132

Age / Female	
0 to 4 m	38–122
5 to 6 m	55–131
7 to 10 m	64–142
11 m to 5 y	81–152
6 to 10 y	80–141
11 to 15 y	67–128
16 to 18 y	71–146
>18 y	80–158

Container Change **Royal Blue Top Sodium Heparin no longer accepted**

Lipoprotein (a) (LPA)

Effective Date	Wednesday, February 26, 2025
Test Name	Lipoprotein (a)
Test Code	LPA
New Reference Range	**<75.0 nmol/L**

Aldolase (ALSE)

Effective Date: Wednesday, February 26, 2025

Test Name: Aldolase

Test Code: ALSE

New Reference Range

Age	Range
0 to 30 days	Not established
31 days to 1 year	5.0–11.7 units/L
>1 year	3.3–10.3 units/L

Specimen Processing: **Centrifuge specimens immediately afer coagulation (within in 30 minutes)**

17-OH Progesterone, LC/MS (17OHP)

Effective Date: Tuesday, February 25, 2025

Test Name: 17-OH Progesterone, LC/MS

Test Code: 17OHP

New Reference Range

Age	Range (ng/dL)	
Premature Infants:		
26 to 28 weeks, day 4	124–841	
31 to 35 weeks, day 4	26–568	
Full-Term Infants: day 3: 0–77		
Female: 1 to 11 months: 13–106		
Male: 1 to 11 months: Levels increase after the first week to peak values ranging from 40–200 ng/dL between 30 and 60 days. Values then decline to prepubertal range <91 ng/dL.		
Prepubertal Children: 1 to 9 years: 0–90		
Tanner Stage	**Male**	**Female**
1	0–90	0–82
2	0–115	11–98
3	10–138	11–155
4	29–180	18–230
5	24–175	20–265
Adult Male: 27–199		
Adult Female:		
follicular: 15–70		
luteal: 35–290		

Contianer Change

No Longer Acceptable: Sodium Heparin or Lithium Heparin plasma

Acceptable Containers:

- Preferred Collection Container: Gold Top, Serum Separator or Red Top, Plain
- Alternate Collection Container: Lavender Top (EDTA)

Alkaline Phosphatase, Bone Specific (ABONE)

Effective Date: Tuesday, March 11, 2025

Test Name: Alkaline Phosphatase, Bone Specific

Test Code: ABONE

New Reference Range

Age	Male (µg/L)	Female (µg/L)
0 to 5 m	Not established	Not established
6 to 11 m	48.2–170.2	50.4–154.0
1 y	41.9–229.6	44.2–178.3
2 y	41.7–139.4	34.9–195.4
3 to 4 y	37.2–127.7	37.4–96.8
5 to 6 y	42.0–104.2	31.4–100.8
7 to 8 y	59.0–101.3	44.0–135.8
9 to 10 y	50.4–133.0	47.9–150.8
11 to 12 y	53.3–156.8	24.2–133.3
13 to 14 y	77.5–169.8	19.8–92.7
15 to 16 y	26.8–173.4	11.2–30.2
17 to 18 y	15.4–69.8	8.8–29.0
19 to 20 y	12.2–36.6	7.7–16.8
21 to 29 y	7.4–27.7	See below
30 to 34 y	7.0–27.4	See below
35 to 39 y	4.0–27.0	See below
40 to 44 y	7.4–26.7	See below
45 to 49 y	7.5–26.4	See below
50 to 54 y	7.5–26.1	See below
55 to 59 y	7.5–25.7	See below
60 to 64 y	7.5–25.4	See below
65 to 69 y	7.6–25.1	See below
70 to 74 y	7.6–24.8	See below
75 to 100 y	7.6–24.4	See below
Female		
Premenopausal: 6.0–22.7 µg/L		
Postmenopausal: 8.1–31.6 µg/L		

Container Change **No Longer Acceptable Green Top (Sodium or Lithium Heparin)**

Specimen Processing Change **Volume Change to 1.0mL serum**

Dehydroepiandrosterone (DHEA)

Effective Date Tuesday, March 11, 2025

Test Name Dehydroepiandrosterone

Test Code DHEA

New Reference Range

Age (y)	Range (ng/dL)
0 to 5	0–67
6 to 7	0–110
8 to 10	0–185
11 to 12	0–201
13 to 14	0–318
15 to 16	39–481
17 to 19	40–491
20 to 50	31–701
>50	21–402

Container Change **No Longer Acceptable Green Top (Sodium or Lithium Heparin); OR Lavender Top (EDTA)**

Iodine (IODIN)

Effective Date Wednesday, February 26, 2025

Test Name Iodine

Test Code EWHI4

New Test Code **IODIN**

Container Change **Royal Blue Top EDTA now accepted**

Erythropoietin (ERYP)

Effective Date Wednesday, February 26, 2025

Test Name Erythropoietin

Test Code ERYP

New Test Code **HAZG4**

New Reference Range **2.6–18.5 mIU/mL**

Triiodothyronine (T3), Reverse (REVT3)

Effective Date Wednesday, February 26, 2025

Test Name Triiodothyronine (T3), Reverse

Test Code REVT3

New Reference Range

Age (y)	Range (ng/dL)
Premature (26 to 31 wk)	33.0–147.0
Premature (32 to 35 wk)	49.0–217.0
Full-term (2 to 7 d)	33.0–206.0
8 d to 5 m	13.0–107.0
6 to 12 m	8.1–52.8
1 to 15 y	8.3–22.9
16 y and older	9.2–24.1

Vitamin E (VITAE)

Effective Date Wednesday, February 26, 2025

Test Name Vitamin E

Test Code VITAE

Container Change **No Longer Acceptable Green Top (Sodium or Lithium Heparin); OR Lavender Top (EDTA)**

Glutamic Acid Decarboxylase Antibody (GADAB)

Effective Date	Tuesday, February 25, 2025
Test Name	Glutamic Acid Decarboxylase Antibody
Test Code	GADAB
Change to Patient Preparation	**Patients should stop biotin consumption at least 72 hours prior to specimen collection**

Babesia microti Antibody Profile (BABES)

Effective Date	Tuesday, March 11, 2025
Test Name	Babesia microti Antibody Profile
Test Code	BABES
Result/Reporting Update	**Babesia microti IgG: Less than 1:10 Babesia microti IgM: Less than 1:20**

Thyroglobulin by LCMS (THYLC)

Effective Date	Tuesday, February 25, 2025
Test Name	Thyroglobulin by LCMS
Test Code	THYLC

New Reference Range

Age	Male (µg/L)	Female (µg/L)
1–25 days:	31.6–101.6	33.4–169.9
26–31 days:	Not established	Not established
1–23 months:	9.5–110.0	12.9–92.4
24m–7 years:	Not established	Not established
8–10 years:	3.7–35.6	1.7–8.4
11–14 years:	3.1–23.6	1.7–38.4
15–17 years	2.7–26.0	3.0–30.4
> 17 years	1.4–29.2	1.5–38.5

Container Change	**No Longer Acceptable Green Top (Sodium or Lithium Heparin); Serum only**
Specimen Processing Change	**Transport temperature Room Temperature**

Additional Information

If you have additional questions regarding these tests, please contact Technical Support between the hours of 8 a.m. and 4:30 p.m. For general questions, Customer Care is available to assist at any time.

Technical Support/Customer Care

877-402-4221

TEST UPDATE

Discontinued Test

Myositis Specific Antibody Profile (MYABP)

Effective Date	Wednesday, January 29, 2025
Description of Change	**Myositis Specific Antibody Profile (MYABP) has been discontinued by our reference lab and is no longer available to order at HNL Lab Medicine.** The recommended alternative test is **MyoMarker 3 Plus Profile (Test Code: FMMPP / Epic Code: LAB6183)**. This updated test includes all components previously offered in MYABP (except for P155 AB) and incorporates several additional markers for a more comprehensive analysis.
Test Name	Myositis Specific Antibody Profile
Test Code	MYABP
Alternate Test	MyoMarker 3 Plus Profile (FMMPP) FMMPP Includes the Following Markers: • Anti-PL-7 Antibody • Anti-PL-12 Antibody • Anti-EJ Antibody • Anti-OJ Antibody • Anti-SRP Antibody • Anti-Mi-2 Antibody • Anti-U3 RNP (Fibrillarin) • Anti-U2 RNP Antibody • Anti-Ku Antibody • Anti-Jo-1 Antibody • Anti-TIF-1γ (gamma) Antibody • Anti-MDA-5 Antibody (CADM-140) • Anti-NXP-2 (P140) Antibody • Anti-SAE1 Antibody IgG • Anti-PM/Scl-100 Antibody • Anti-SS-A 52kD Antibody IgG • Anti-U1-RNP Antibody

Additional Information

If you have additional questions regarding this test, please contact Technical Support between the hours of 8 a.m. and 4:30 p.m. For general questions, Customer Care is available to assist at any time.

Technical Support/Customer Care

877-402-4221

TEST UPDATE

Inactivated Test with Replacement

GenoSURE® MG (MGGS)

Effective Date	Wednesday, February 25, 2025
Description of Change	**The GenoSURE® MG (MGGS) test has been inactivated.** Please refer to the replacement, **Human Immunodeficiency Virus 1 (HIV-1) GenoSure® MG Genotyping (Test Code: GNSMG)**.
Test Name	GenoSURE® MG
Test Code	MGGS
Replacement Test Name	**Human Immunodeficiency Virus 1 (HIV-1) GenoSure® MG Genotyping**
Replacement Test Code	**GNSMG**

Additional Information

If you have additional questions regarding this test, please contact Technical Support between the hours of 8 a.m. and 4:30 p.m. For general questions, Customer Care is available to assist at any time.

Technical Support/Customer Care

877-402-4221

TEST UPDATE

Enhanced Oral Fluid Drug Screening with LC-MSMS

Effective Date	January 31, 2025
Description of Change	On January 23, 2025, HNL Lab Medicine announced a significant enhancement to our Oral Fluid Drug Screening tests. To ensure the highest quality and reliability of results, we have transitioned from EIA (Enzyme Immunoassay) to the more advanced LC-MSMS (Liquid Chromatography–Tandem Mass Spectrometry) screening methodology. This update applies to the following test codes: FDO1, FDO2, FDON1, FDON2, and OCBP.

Test Code	Test Name	Includes
FDO1	Drug Screen 1, Chain of Custody, Oral Fluid ****FORENSIC USE ONLY**** (Note: Each drug class is orderable à la carte.)	Amphetamines, Cannabinoids, Cocaine Metabolite (Benzoylecgonine), Methamphetamines, Opiates, Oxycodone, PCP
FDON1	Drug Screen 1, Chain of Custody, Oral Fluid, W/O THC ****FORENSIC USE ONLY**** (Note: Each drug class is orderable à la carte.)	Amphetamines, Cocaine Metabolite (Benzoylecgonine), Methamphetamines, Opiates, Oxycodone, PCP
FDO2	Drug Screen 2, Chain of Custody, Oral Fluid ****FORENSIC USE ONLY**** (Note: Each drug class is orderable à la carte.)	Amphetamines, Barbiturates, Benzodiazepines, Cannabinoids, Cocaine Metabolite (Benzoylecgonine), Methadone, Methamphetamines, Opiates, Oxycodone, PCP
FDON2	Drug Screen 2, Chain of Custody, Oral Fluid, W/O THC ****FORENSIC USE ONLY**** (Note: Each drug class is orderable à la carte.)	Amphetamines, Barbiturates, Benzodiazepines, Cocaine Metabolite (Benzoylecgonine),Methadone, Methamphetamines, Opiates, Oxycodone, PCP
OCBP	Drug Screen, Qualitative, Oral Fluid ****CLINICAL USE ONLY**** (Note: Each drug/drug classes are orderable a la carte to aid in patient specific treatment plans for clinical purposes.)	Amphetamines, Methamphetamines, Barbiturates, Benzodiazepines, Cannabinoids, Cocaine Metabolite (Benzoylecgonine), Opiates, Oxycodone, Methadone, PCP, Buprenorphine

The transition to LC-MSMS was necessary due to the discontinuation of key reagents used in EIA testing. While this upgrade will elevate the quality and precision of our testing, it will also slightly increase the turnaround time (TAT) for negative results from 24 hours to 36 hours due to batch processing requirements. However, TAT associated with positive results will NOT be affected.

Additional Information

If you have additional questions regarding this test, please contact our Toxicology Team at 484-425-5900.

Technical Support/Customer Care

877-402-4221

Paraneoplastic Autoantibody Evaluation – Component Unavailable

Effective Date	Immediately
Description of Change	Due to supply chain issues, the VGKC (Neuronal (V-G) K+ Channel Ab, S) component is currently unavailable and will no longer be included in the Paraneoplastic Autoantibody Evaluation Serum panel (Test Code: PARAN / Epic Code: LAB4210).
Comprehensive Alternative	**Encephalopathy, Autoimmune/Paraneoplastic Evaluation, Serum** • Test Code: ENCAS • Epic Code: LAB5562 This alternative test provides a broader evaluation for autoimmune and paraneoplastic encephalopathy.

Additional Information

If you have additional questions regarding this test, please contact Technical Support between the hours of 8 a.m. and 4:30 p.m. For general questions, Customer Care is available to assist at any time.

Technical Support/Customer Care

877-402-4221

TEST UPDATE

Adrenocorticotropic Hormone (ACTH)

Effective Date	Tuesday, March 18, 2025
Description of Change	Starting March 18, 2025, the **Adrenocorticotropic Hormone (ACTH)** test will have **updated collection, processing, and handling instructions** to enhance specimen integrity.
Test Name	Adrenocorticotropic Hormone
Test Code	ACTH
UPDATED Collection Instructions	• **Collect specimen in a prechilled lavender EDTA tube.** • **Immediately after collection, place on ice until processing.** • **Process specimen within 1 hour of collection.** • **Aliquot 0.8 mL of EDTA plasma and transfer to a plastic aliquot tube.** • **Freeze immediately.** • **Transport plasma frozen.** **Note: This change affects HNL, LVHN, HRHS and GSRH locations.**

Additional Information

If you have additional questions regarding this test, please contact Technical Support between the hours of 8 a.m. and 4:30 p.m. For general questions, Customer Care is available to assist at any time.

Technical Support/Customer Care

877-402-4221

GENERAL INFORMATION

HNL Lab Medicine Earns National Recognition for Patient Satisfaction

At HNL Lab Medicine, we believe that great healthcare starts with listening to our patients. That's why we're proud to share that three of our locations have been honored with the Reputation 800 Award—an achievement that highlights our commitment to providing a positive experience for every patient who walks through our doors.

The Reputation 800 Award is given to businesses that prioritize customer satisfaction and consistently use feedback to improve their services. Earning this award means that our patients have recognized our efforts to provide high-quality, patient-centered care.

Rebecca Simmons, Vice President of Clinical Laboratory Operations at HNL Lab Medicine, shares what this recognition means for our team. "This award reflects the dedication and hard work of our entire team. We're always listening to our patients and using their feedback to make their experience even better. We're proud to see that our dedication to quality care is having a positive impact."

The Reputation Score, which determines the 800 Award winners, measures key factors like patient reviews, responsiveness, and overall experience. Receiving a score of 800 or higher means that we're consistently meeting a high standard of patient care and service.

The following locations have provided exceptional experiences to our patients and earned an 800 Award:

- **Easton - LVHN Health Center**
- **East Stroudsburg**
- **Laurys Station - Wynnewood Dr**

We want to extend our deepest appreciation to our incredible phlebotomists and team members, whose hard work and commitment to exceptional care made this achievement possible. Their dedication to patient service is the foundation of our success, and we couldn't have earned this award without them.

We're also grateful to our patients and clients for their trust and feedback. It helps us grow and improve every day. Thank you for being part of this journey with us!

PATIENT SERVICE CENTER UPDATES

PSC Spotlight

HNL Patient Service Center - Scranton

501 SOUTH WASHINGTON, AVENUE SUITE 800
SCRANTON, PA 18505

HOURS: Monday - Friday: 7:00 AM - 6:00 PM

HNL Patient Service Center - Dickson City - Fashion Mall

249 SCRANTON CARBONDALE HIGHWAY
FASHION MALL
SCRANTON, PA 18508

HOURS: Monday - Friday: 6:30 AM - 2:30 PM
Saturday: 7:00 AM - 11:00 AM

For a full listing of HNL Lab Medicine Patient Service Centers – visit

HNL.com/locations.