

Quality Update

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SPRING 2019

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WELCOME NEW CLIENTS

Ohio Gastroenterology & Liver Institute— Multiple locations throughout Cincinnati area

Lindner Center for HOPE and Lindner HOPE Center North— Mason

Dr. Anwer Siddiqui, Infectious Diseases of Southwest Ohio— Mason

Wittenberg University Student Health—Springfield

Delight Home Health Care— Middletown

Dr. Hillman Hum—Sunbury

COAGULATION NORMAL RANGES

CompuNet Clinical Laboratories has new Coagulation instrumentation as of April 24, 2019 at our Sandridge laboratory. Through a large group effort including collaboration with our hospital systems, we have studied the normal ranges for PT, APTT, Fibrinogen, and D-dimer testing. Based on these studies and the change in instrument method, new normal ranges are required.

Please see new normal reference ranges below.

Critical values remain the same.

NEW NORMAL RANGES

PT (Partial Thromboplastin Time) = 11.7-13.9 seconds

APTT (Activated Partial Thromboplastin Time) = 24.5-35.2 seconds

FIBRINOGEN= 208-491 mg/dl

D-DIMER= <0.50 ug/ml FEU cut off

URINE RED BLOOD CELL NORMAL RANGE CHANGE

The American Urological Association has published guidelines around the diagnosis, evaluation, and follow up around asymptomatic microhematuria (AMH) in adults. The guidelines and its validity were confirmed again in 2016. Asymptomatic microhematuria is defined as three or greater red blood cells (RBC) per high power microscopy field, on a properly collected urine specimen. A positive urine dipstick does not define AMH, and evaluation should be based solely on findings from microscopic examination of urinary sediment and not a dipstick reading. A positive dipstick reading merits microscopic examination to confirm or refute the diagnosis of AMH.

CompuNet is updating its Urine RBC normal range to align with these standards.

The new normal range for Urine RBC will be 0-2 RBC/HPF by the end of April 2019. For reference see journal link: [https://www.auanet.org/guidelines/asymptomatic-microhematuria-\(2012-reviewed-for-currency-2016\)](https://www.auanet.org/guidelines/asymptomatic-microhematuria-(2012-reviewed-for-currency-2016))

NEW: CALCIUM (total) CRITICAL VALUES

Please be aware that the following Calcium critical values will be called 24/7:

New Critical Calcium (total): mg/dL <6.0 or > 13.0

The calcium (total) values 6.0—7.5 and 11.5—13.0 will no longer be called.

NEW: HIGH SENSITIVITY TROPONIN T (5TH GENERATION)

Effective April 24, 2019, CompuNet Sandridge Lab will switch to a new troponin test, High Sensitivity Troponin T (5th Generation) assay and will discontinue the current Troponin T (4th generation) assay.

IMPORTANT: Patients who present with symptoms suggestive of acute coronary syndrome should have high sensitivity Troponin T testing interpreted in conjunction with clinical presentation, signs and symptoms, risk stratification with HEART score, ECG testing, imaging, etc.

If you order the new troponin test please be aware of the following changes:

- **Unit of Measure:** The new platform reporting will be in whole numbers (ng/L rather than ng/mL)
- **There are now gender specific cutoff points: 14 ng/L for females and 22 ng/L for males:**
 - Normal result: Female ≤14 ng/L; Male ≤ 22 ng/L
 - Abnormal result: Female >14 ng/L; Male >22 ng/L
 - Critical result: Female and Male: ≥ 100 ng/L
- The Assay Range is: 6 – 10,000 ng/L.
- Specimen Collection: Lithium Heparin Plasma ONLY
- High Sensitivity Troponin T increases rapidly and can be detected within 1 hour after AMI and may persist up to 2 weeks thereafter.

Baseline and serial troponin testing, to assess for significant delta (rise and/or fall), will assist the clinician in differentiating between ischemic and non-ischemic causes of myocardial injury.

HIGH SENSITIVITY TROPONIN T

Effective Date:	4/24/19
Test Code:	76811
CPT Code(s):*	84484
Set up Schedule	Daily
Turnaround Time	Same Day
Preferred specimen:	Lithium Heparin Plasma ONLY
Transport Temperature:	Refrigerated
Specimen Stability:	Room Temperature = N/A Refrigerated = 24 Hours Frozen = 1 Year
Methodology:	Roche electrochemiluminescence immunoassay (ECLIA)

*The CPT code(s) provided in this document 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 payor being billed. Any Profile/panel component may be ordered separately. Reflex tests are performed at an additional charge.

NEW TESTS

For clients who would like to order a Thin Prep Imaging Screen Pap with Reflex to HPV if Pap diagnosis is Atypical Squamous Cells of Undetermined Significance (ASCUS) or Atypical Squamous Cell cannot rule out a High Grade Lesion(ASC-H). Molecular testing for GC/Chlamydia and Trichomonas is automatically included with this code.

Clients now will only have to input one code instead of two to get this desired panel testing for their patients.

AUTO THIN PREP PATIENT SCREEN, REFLEX HPV IS ASCUS+CHL/GC/TRICH	
Effective Date:	3/27/2019
Test Code:	76804
Performing Site:	CompuNet Clinical Laboratories
Department:	Cytology/Molecular
Specimen Requirements:	Thin Prep vial
CPT Code*:	THIN PREP SCREEN REFLEX/WITH IMAGING 88175 (interpretation 88141; reflex 87624) CHLAMYDIA AND GC, RNA, TMA 87491;87591 TRICHOMONAS VAGINALIS 87661
Additional Information:	This new test is a profile which contains the following established tests: 73783 THIN PREP SCREEN REFLEX WITH IMAGING 6919 CHLAMYDIA AND GC, RNA, TMA 75744 TRICHOMONAS VAGINALIS, TMA
CPU Interface mapping:	737832 - RESULT: 203388 - SOURCE: 2003397 - CHLAMYDIA TRACHOMATIS, RNA, TMA 2003398 - NEISSERIA GONORRHEA, RNA, TMA 20045110 - TRICHOMONAS

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ORDERING LAB SUPPLIES

An often overlooked but quick way to order your lab supplies is directly from CompuNet's website (www.compunetlab.com). Use this link to place your order:

<https://orders.compunetlab.com/SignIn.aspx>

By ordering online you will have access to the most up-to-date supply list.

CONTACT INFORMATION

IT HELP DESK

- Local: 937-296-3040
- Toll Free 1-844-217-1220 option 2

CLIENT SERVICES

- (937) 297-8260
- Toll Free (800) 686-2252 option 1
- Please have account number ready for faster service ("D#####")

FAX NUMBERS

- CLIENT SERVICES: 1-866-207-8408
- PURCHASING/SUPPLIES: 1-866-207-8426

TEST CHANGE NOTICE FROM QUEST

INTERLEUKIN-6 (IL-6), SERUM

Effective Date:	Immediately								
Test Code:	34473								
Former Test Name:	Interleukin 6, Highly Sensitive ELISA								
Specimen	1 mL (0.5 mL minimum) serum; No other acceptable specimens								
Reject Criteria:	Received room temperature; received refrigerated; gross hemolysis								
Instructions:	<p>Do not thaw. Cytokine levels may demonstrate diurnal variation. Recommend cytokine levels be determined at the same time of day for improved longitudinal comparison.</p> <p>Patient Preparation: No biotin supplements 48 hours prior to blood draw.</p>								
Set-up/Analytic Time:	Set up: Thurs; Report available: 5-12 days								
Reference Range:	<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th style="width: 50%;">Result Name</th> <th style="width: 20%;">Reference Range</th> <th style="width: 30%;">Unit Of Measure</th> </tr> </thead> <tbody> <tr> <td>Interleukin 6(IL 6),Serum</td> <td><5.00</td> <td>pg/mL</td> </tr> </tbody> </table>			Result Name	Reference Range	Unit Of Measure	Interleukin 6(IL 6),Serum	<5.00	pg/mL
Result Name	Reference Range	Unit Of Measure							
Interleukin 6(IL 6),Serum	<5.00	pg/mL							
Methodology:	Immunoassay								
Performing Site:	Quest Diagnostics								
CPU Interface Mapping:	Result Code:	Result Name:	LOINC Code:						
	85991114	INTERLEUKIN 6(IL6), SERUM	26881-3						

DISCONTINUED TEST

PROTHROMBIN TIME WITH INR ALWAYS CALL

Effective Date:	CURRENT
Test Code:	76208
Performing Site:	CompuNet Clinical Laboratories
Additional Information:	The ALWAYS CALL, PROTHROMBIN TIME WITH INR has been discontinued. Please use standard order code 8847 - PROTHROMBIN TIME WITH INR for orders.

TEST CHANGE

ALPHA-FETOPROTEIN, TUMOR MARKER

Effective Date:	IMMEDIATE	
Test Code:	237	
Performing Site:	CompuNet Clinical Laboratories	
Department:	Special Chemistry	
CPU Interface mapping:	OLD	NEW
	55046500 - ALPHA-FETOPROTEIN, TUMOR MARKER	2003703 - ALPHA-FETOPROTEIN, TUMOR MARKER

TEST CHANGES

CARCINOEMBRYONIC ANTIGEN (CEA)

Effective Date:	IMMEDIATE		
Test Code:	978		
Performing Site:	CompuNet Clinical Laboratories		
Department:	Special Chemistry		
CPU Interface mapping:	OLD		NEW
	55002100	CARCINOEMBRYONIC ANTIGEN (CHIRON)	550021 -CARCINOEMBRYONIC ANTIGEN 50260 - COMMENT

CANCER ANTIGEN 15-3 (CA 15-3)

Effective Date:	IMMEDIATE		
Test Code:	5819		
Performing Site:	CompuNet Clinical Laboratories		
Department:	Special Chemistry		
CPU Interface mapping:	OLD		NEW
	55049700	- CA 15-3	2003740 - CANCER ANTIGEN 15-3

CANCER ANTIGEN 19-9 (CA 19-9)

Effective Date:	IMMEDIATE		
Test Code:	4698		
Performing Site:	CompuNet Clinical Laboratories		
Department:	Special Chemistry		
CPU Interface mapping:	OLD		NEW
	55050515	- CA 19-9	2003709 - CA 19-9

CANCER ANTIGEN 125 (CA 125)

Effective Date:	IMMEDIATE		
Test Code:	29256		
Performing Site:	CompuNet Clinical Laboratories		
Department:	Special Chemistry		
CPU Interface mapping:	OLD		NEW
	86001168	- CA 125	2003708 - CANCER ANTIGEN 125 (II)

CANCER ANTIGEN 27.29 (CA 27.29)

Effective Date:	IMMEDIATE		
Test Code:	29493		
Performing Site:	CompuNet Clinical Laboratories		
Department:	Special Chemistry		
CPU Interface mapping:	OLD		NEW
	55046010	- CA27.29 (CHIRON/BAYER)	2003717 - CA27.29



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