



INTRODUCTION

FOREWORD

The Health Network Laboratories Handbook has been developed for use by all of our clients. The format and content are designed for your ready reference and as a tool to answer as many questions as possible. Please feel free to call the main laboratory, at either 877-402-4221 (toll free), when unanswered questions regarding specimen requirements, test availability, and specimen handling arise.

The staff of Health Network Laboratories is committed to providing you with accurate information and courteous service. We will strive to exceed your requirements and provide you, as our customers, with quality laboratory information.

MISSION STATEMENT

Health Network Laboratories is a multi-regional leader in laboratory medicine providing high-quality, courteous, and responsive service to our customers. Our staff of dedicated professionals works to ensure accurate, expert, cost-effective, and timely clinical information for the treatment and medical management of patients.

QUALITY STATEMENT

Our commitment is to quality in everything we do. This can only be achieved if all employees and clinicians strive to provide services that conform to clearly stated requirements. Employees and clinicians are dedicated to continuous improvement in the way work is performed. Our attitude shall embrace the concepts of “Conformance to requirements,” “Prevention,” “No error is acceptable,” and “Do it right the first time.”

SERVICE PROMISE

We promise to provide you with personalized, quality laboratory services. We will listen and respond to your needs with compassion, honesty, and integrity.



PETER E. FISHER, MD, MBA
President and CEO of Health Network Laboratories
Clinical Laboratory Director

Dr. Fisher is a graduate of the Middlesex Hospital Medical School, University of London. He completed his pathology residency and a postgraduate Fellowship in Advanced Pathology at the College of Physicians & Surgeons of Columbia University, New York. Dr. Fisher is a Diplomate of the American Board of Pathology and received his MBA from the Columbia Business School, NY, NY. Dr. Fisher's clinical expertise includes cardiovascular, pulmonary, genitourinary, gastrointestinal and autopsy pathology. Dr. Fisher's research focuses on cancer biology, cardiovascular disease and development, and he has authored more than 60 original research articles



DANIEL F. BROWN, MD, MBA
Chairman, Department of Pathology and Laboratory Medicine
Medical Director, Health Network Laboratories
Section Chief, Neuropathology

Dr. Brown is Medical Director of Health Network Laboratories and also serves as Chairman of the Department of Pathology & Laboratory Medicine, Lehigh Valley Health Network. Dr. Brown received his MD from Upstate Medical University, New York and completed his Anatomic Pathology residency and Neuropathology Fellowship at the University of Texas, Southwestern Medical Center, TX. He is a Diplomate of the American Board of Pathology with combined board certification in Anatomic Pathology and Neuropathology. Dr. Brown is a Member of the Medical and Scientific Advisory Committee of the Alzheimer's Association. His clinical expertise includes CNS tumor diagnosis, muscle and nerve pathology, and autopsy neuropathology. Dr. Brown's research interests include neurodegenerative disease and the overlap of Alzheimer's and Parkinson's disease, and he has authored numerous original research articles, reviews and book chapters.



EUGENE ALEXANDRIN, MD
Section Chief, Cytopathology
Section Chief, Genitourinary Pathology

Dr. Alexandrin received his MD from Kharkov Medical Institute, USSR and completed his pathology residency at Hahnemann University, Philadelphia, PA. He completed fellowship training with a Surgical Pathology Fellowship at the Lehigh Valley Hospital, Allentown, PA and an FNA fellowship at the Diagnostic Cytology Laboratory, Indianapolis. He is certified by the American Board of Pathology in Anatomic and Clinical Pathology with added board certification in Cytopathology. Dr. Alexandrin is a regular contributor to numerous national continuing education programs including CYTYC, College of American Pathologists, CytoQuest and the California Tumor Registry.



SHARIF ALI, MD
Chief, Section of Renal Pathology

Dr. Ali completed his residency in anatomic and clinical pathology at Henry Ford Hospital in Detroit, Mich. He followed that with two years fellowship in Renal and Transplant Pathology at the University of Pittsburgh Medical Center and in Hematopathology at the New York University Langone Medical Center. Dr. Ali is a Diplomate of the American Board of Pathology with triple board certification in anatomical, clinical and hematopathology. Dr. Ali's research interest includes areas of liver transplantations and primary inflammatory liver disease. Dr. Ali's clinical expertise includes flow cytometry, renal transplant and medical renal diseases. He is currently the chief of renal pathology section and an associate in hematopathology service.



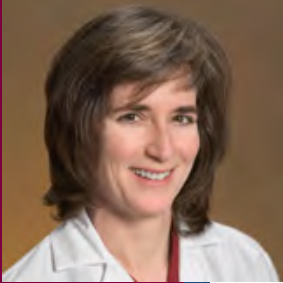
HAIDER ASAD, MD
Surgical Pathologist, Dermatopathology

Dr. Asad received his MD from King Edward Medical College, Pakistan. He did his residency in anatomic/clinical pathology at Hahnemann University Hospital, Philadelphia, PA. Subsequently, he was a Fellow at Sloan Kettering Cancer Center, New York in Oncologic Surgical Pathology and Gynecologic Pathology and later a dermatopathology fellow at Duke University Medical Center. Dr. Asad is certified by the American Board of Pathology in both Anatomic and Clinical Pathology, is Board Eligible in Dermatopathology and holds two Fellowship Certifications from Sloan Kettering Cancer Center in Oncologic and Gynecologic Pathology and a Fellowship Certification from Duke University Medical Center in Dermatopathology. He has published in the areas of oncologic pathology, gynecologic pathology and dermatopathology and has presented his research at national meetings. His expertise is in diagnosing oncologic, gynecologic and skin specimens.



KIRSTEN BELLUCCI, MD
Section Co-Chief, Dermatopathology

Dr. Bellucci received her MD from Albert Einstein College of Medicine, New York, and completed her anatomic and clinical pathology residency with a Surgical Pathology Fellowship at the Hospital of the University of Pennsylvania, Philadelphia, PA. She completed a Dermatopathology Fellowship at the Harvard University Hospital System, a combined program that included training at Massachusetts General Hospital under Dr. Martin C. Mihm, Brigham & Women's Hospital under Dr. George F. Murphy, and Beth Israel Deaconess Medical Center under Dr. Steven R. Tahan. Dr. Bellucci is certified by the American Board of Pathology in Anatomic and Clinical Pathology, and is also board certified in Dermatopathology. She has taught medical students and resident physicians at the University of Pennsylvania, resident physicians at the Harvard Dermatology Residency Program, and has published in the field of dermatopathology.



BARBARA BOLLINGER, MD

Medical and Forensic Pathologist

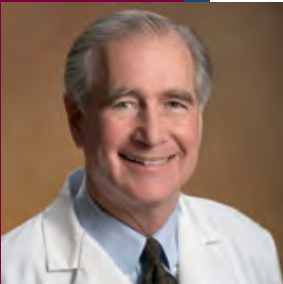
Dr. Bollinger received her MD from the University of Louisville, KY. She completed her pathology Residency at the National Naval Medical Center, Bethesda, MD and subsequent Fellowship in the Office of the Chief Medical Examiner, New York, NY. She has experience in mass disaster management including both Desert Storm in Dover, Delaware, and 09/11 in New York City. Dr. Bollinger is certified by the American Board of Pathology in Anatomic, Clinical and Forensic Pathology, and is a member of the American Academy of Forensic Sciences.



BALA CARVER, MD, DIP, ABHI

Section Chief, Transfusion Medicine & HLA

Dr. Carver received her MD from Christian Medical College, India and completed her pathology residency training at the Medical College of Pennsylvania and Hahnemann University Hospitals, Philadelphia, PA. She is certified by the American Board of Pathology in Anatomic and Clinical Pathology, Hematology, and Transfusion Medicine, and is also certified by the American Board of Histocompatibility and Immunogenetics.



DENNIS B. CORNFIELD, MD

Section Chief, Hematopathology and Clinical Laboratory Medicine

Dr. Cornfield received his MD from the University of Pennsylvania School of Medicine, Philadelphia, PA and completed a residency in Internal Medicine followed by fellowships in Medical Oncology and Hematology. After 19 years in Hematology and Medical Oncology practice he undertook a pathology residency at Thomas Jefferson University Hospital, Philadelphia, PA and a Hematopathology Fellowship at the University of Florida, FL. Dr. Cornfield is board certified in Internal Medicine, Hematology and Medical Oncology, and is additionally certified by the American Board of Pathology in Anatomic and Clinical Pathology and Hematopathology. He has numerous publications in the field of Hematopathology.



ELIZABETH A. DELLERS, MD

**Vice Chair, Network Affairs; Anatomic Pathology
Section Chief, Breast Pathology**

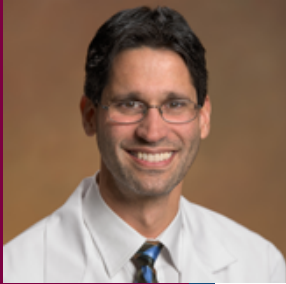
Dr. Dellers received her MD from the University of Rochester School of Medicine and Dentistry, Rochester, NY and completed her pathology residency training at Temple University, Philadelphia, PA followed by a Surgical Pathology Fellowship at Pennsylvania Hospital, Philadelphia. Dr. Dellers is certified by the American Board of Pathology in Anatomic and Clinical Pathology. She is also interested in acquisition of high quality biospecimens for clinical and basic science research, and serves as the biospecimen lead for the National Cancer Institute Community Cancer Centers Program (NCCCP) at Lehigh Valley Health Network.



SHEREEN M. F. GHEITH, MD, PhD

Section Chief, Molecular Pathology

Dr. Gheith received her medical degree from the Ain Shams University School of Medicine, Cairo, where she was also awarded a Master of Science degree in Clinical Pathology, and a PhD in Immunology. She completed both her pathology residency and hematopathology fellowship at the Hospital of the University of Pennsylvania, Philadelphia, PA. Dr. Gheith is a Diplomate of the American Board of Pathology and is certified in combined Anatomic Pathology and Clinical Pathology, and also board certified in hematopathology. Dr. Gheith has published several articles in the field of T-cell signaling and hematopoietic cell development.



SHANTH GOONEWARDENE, MD

Associate Section Chief, Gastrointestinal Pathology

Dr. Goonewardene received his MD from Jefferson Medical College. He completed his pathology residency and surgical pathology fellowship (with focus in Gastrointestinal Pathology) at Thomas Jefferson University Hospital, Philadelphia, PA. He then completed a Fellowship in Cytopathology at the Hospital of the University of Pennsylvania, Philadelphia, PA. He is certified by the American Board of Pathology in Anatomic and Clinical Pathology with added board certification in Cytopathology. Dr. Goonewardene serves as Director of the Anatomic Pathology Quality Assurance Committee at Lehigh Valley Health Network. His research and publications focus on gastrointestinal pathology. He is currently investigating the prognostic significance of neuroendocrine differentiation in colorectal adenocarcinomas.



JILLIAN R. GRAU, MD

Section Chief, Histopathology

Section Chief, Transplantation Pathology

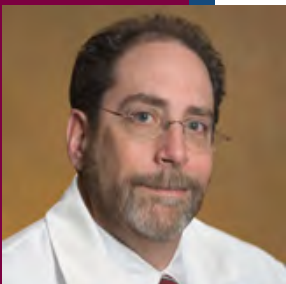
Dr. Grau received her MD from Drexel University College of Medicine, Philadelphia, PA. She completed her pathology residency as well as her fellowship training in Surgical and Gastrointestinal/Liver pathology at the Hospital of the University of Pennsylvania, Philadelphia, PA. Dr. Grau is certified by the American Board of Pathology in Anatomic and Clinical pathology and is a member of the College of American Pathologists. She is published in the areas of Hematopathology and thyroid pathology and has presented on topics including Proliferative Stem Cell Compartment of the Colon in Ulcerative Colitis



MICHAEL W. JOHNSON, PhD, MD

Medical and Forensic Pathology (FPA)

Dr. Johnson received his PhD in Neurosciences from the University of California, Los Angeles and his MD from the Northwestern University, Feinberg School of Medicine, in Chicago. He completed his residency in anatomic and neuropathology at The Johns Hopkins University School of Medicine in Baltimore and his fellowship in forensic pathology at the State of Maryland Office of the Chief Medical Examiner. Before joining Health Network Laboratories, Dr. Johnson was a medical examiner for the state of Kentucky. Dr. Johnson is certified by the American Board of Pathology in Anatomic Pathology, Neuropathology and Forensic Pathology, and is a member of the American Academy of Forensic Sciences and the National Association of Medical Examiners.



SAMUEL D. LAND, MD

Section Chief, Medical and Forensic Pathology (FPA)

Dr. Land received his MD from the Medical College of Virginia, Richmond, Virginia, completed his pathology residency and was both Surgical Pathology/Cytology and Forensic Pathology Fellow, at the Medical School of Virginia, Richmond, VA. He subsequently was a Forensic Pathology Fellow, Office of the Chief Medical Examiner, Richmond, VA. Dr. Land has been an associate with Forensic Pathology Associates, Inc., Allentown, PA and was the Deputy Medical Examiner, Washington, D.C. He is licensed to practice medicine and surgery in PA, NJ, and VA. Dr. Land is certified by the American Board of Pathology in Anatomic and Clinical Pathology and is a member of the National Association of Medical Examiners.



SHERRY LI, MD, PhD

Surgical Pathologist

Dr. Li received her MD from Hunan Medical College, Changsha, Hunan, China and her PhD from The Medical School of Heinrich-Heine-University, Dusseldorf, Germany. Dr. Li completed her pathology residency at Hahnemann University, Philadelphia, PA and Cytology fellowship training at Johns Hopkins University Hospital, Baltimore, MD. She is certified by the American Board of Pathology in Anatomic and Clinical Pathology, and Cytopathology. Dr. Li is the author of many publications and presentations in the field of Cytology. Prior to her appointment at Health Network Laboratories, Dr. Li served as Chief of Cytopathology at Newark Medical Center, Newark, NJ and St. Luke's Hospital Network, Lehigh Valley, PA.



VICTORIA LOVEN, MD, FCAP
Section Chief, Gynecologic Pathology

Dr. Loven received her MD from the Medical College of Pennsylvania, Philadelphia, PA. She completed her pathology residency at Temple University, Philadelphia, PA and her fellowship in Cytopathology at Lankenau Hospital, Philadelphia, PA. She is certified by the American Board of Pathology in both Anatomic/Clinical Pathology and Cytopathology. Dr. Loven has published in the areas of Cytopathology and Flow Cytometry, is an expert on cervical cancer screening, and lectures on topics including Image Based Cytology in Cervical Cancer Screening and Cervical Cancer Screening in a World with HPV Vaccines.



MICHAEL SCARLATO, MD
Vice Chair
Division Chief, Anatomic Pathology
Section Chief, Gastrointestinal Pathology

Dr. Scarlato serves as Vice Chairman of Pathology & Laboratory Medicine, Lehigh Valley Health Network, and on the Board of Trustees of the Greater Lehigh Valley Independent Practice Association. Dr. Scarlato received his MD from Hahnemann Medical College, Philadelphia, PA where he subsequently completed his pathology residency. Dr. Scarlato is certified by the American Board of Pathology in Anatomic and Clinical Pathology. Dr. Scarlato's research interests include the immunohistochemical analysis of tumor pathways in therapeutic intervention. Dr. Scarlato's diagnostic special interests are gastro-intestinal tract, pancreatico-biliary tract and liver diseases.



HINA SHEIKH, MD
Section Co-Chief, Dermatopathology

Dr. Sheikh received her MD from the Aga Khan University, Pakistan. She completed her residency in combined anatomic and clinical pathology and fellowships in Dermatopathology & Molecular Genetic Pathology at the University of Pittsburgh, PA. She is certified by the American Board of Pathology in Anatomic and Clinical Pathology with added board certifications in Dermatopathology and Molecular Genetic Pathology. Before joining Health Network Laboratories, Dr. Sheikh was the Director of Dermatopathology and Assistant Professor in Department of Pathology at Temple University, Philadelphia, PA. She has taught medical students and resident physicians at University of Pittsburgh and Temple University and has published in the area of molecular anatomic pathology.



RAMEEN STARLING-RONEY, MD
Medical and Forensic Pathologist

Dr. Starling-Roney received his MD from the Howard University College of Medicine, Washington, DC. He completed his residency at Temple University Hospital, Philadelphia, PA, and his fellowship in forensic pathology at the Office of the Chief Medical Examiner, Baltimore, Maryland. Before joining Health Network Laboratories, Dr. Starling-Roney was a medical examiner for the state of Kentucky. Dr. Starling-Roney is certified by the American Board of Pathology in Anatomic, Clinical and Forensic Pathology, and is a member of the American Academy of Forensic Sciences and the National Association of Medical Examiners.



GARY A. STOPYRA, MD, FCAP, FASCP
Section Chief, Pulmonary/Endocrine Pathology
Section Chief, Bone/Soft Tissue Pathology
Section Chief, Pediatric Pathology

Dr. Stopyra received his MD from the Medical College of Pennsylvania, Philadelphia, PA. He completed his pathology residency and a fellowship in surgical pathology at Pennsylvania Hospital, Philadelphia, PA. Following this he was appointed Clinical Assistant Professor of Pathology and Laboratory Medicine in the University of Pennsylvania School of Medicine. Dr. Stopyra is certified by the American Board of Pathology in Anatomic and Clinical Pathology. He has published in the application of immunohistochemistry to the diagnosis of carcinomas and in soft tissue, renal, and hematolymphoid neoplasms.



PERFORMANCE IMPROVEMENT

Health Network Laboratories has a diagnostic service based on the development and adoption of test procedures having a high degree of clinical predictive value and efficiency. All services are provided by well-trained technologists/technicians to assure the highest degree of technical accuracy. Health Network Laboratories' staffs of M.D. /Ph.D. technical directors and technical specialists with advanced certifications are available to solve any technical problem, as well as to introduce new and innovative techniques.

Health Network Laboratories has a planned and systematic process designed to monitor and evaluate the ongoing and overall quality of patient care. This process includes pre analytic (specimen collection), analytic (specimen processing/ testing), and post analytic (result reporting) procedures. Health Network Laboratories takes pride in its Customer Care Program and has a well-defined Service Recovery Process to respond to our clients' requirements.

An integral part of the Performance Improvement Plan is quality control. Test results are continuously monitored for reliability, precision, and accuracy. Health Network Laboratories voluntarily participates in one or more federal, state, or independent proficiency testing programs. These programs are administered by the College of American Pathologists (CAP), the American Association of Clinical Chemistry (AACC), the American Association of Blood Banks (AABB), the American Association of Bio analysts (AAB), and the Commonwealth of Pennsylvania.



PROVIDER LICENSE/ACCREDITATION INFORMATION

Health Network Laboratories is federally licensed under the Clinical Laboratory Improvement Act (CLIA) and is approved by both Medicare and Medicaid. The Division of Toxicology is certified by the Commonwealth of Pennsylvania and Occupational Safety and Health Association (OSHA) to perform lead analyses.

The following agencies accredit and/or inspect Health Network Laboratories:

- American Association of Blood Banks (AABB)
- College of American Pathologists (CAP)
- CAP Forensic Drug Testing (CPA/FDT)
- New Jersey Department of Health, Public Health and Environmental Laboratories
- Pennsylvania Department of Health, Bureau of Laboratories

Please refer to the list provided of accreditation and license information for each of our main laboratories.

Testing Location	Accreditation & License
Health Network Laboratories 2024 Lehigh Street, Allentown, PA 18103-4798	CAP: 6792301 CAP/FDT: 6792302 CLIA: 39D0919598 MD State: 1479 NJ State: 00025195 PA State: 024655A
Health Network Laboratories 1200 S. Cedar Crest Boulevard Allentown, PA 18103	CAP: 1308701 CLIA: 39D0657491 PA State: 000549A
Health Network Laboratories 1627 West Chew Street Allentown, PA 18102	CAP: 1307901 CLIA: 39D0657483 PA State: 000169A
Health Network Laboratories 2545 Schoenersville Road Bethlehem, PA 18017-7300	CAP: 1307101 CLIA: 39D0189995 PA State: 000600A
Health Network Laboratories 900 Route 168 Turnersville, NJ 08012	CAP: 1209501 CLIA: 31D0117454 NJ State: 00018578
Health Network Laboratories 1200 Walnut Bottom Road Carlisle, PA 17015-776	CLIA: 39D1072932 PA State: 030357A



PATIENT SERVICE CENTERS

Laboratory services are available to any licensed physician, dentist, podiatrist, or other person authorized by law to use the findings of laboratory examinations upon written receipt of tests requested and ICD-9 codes or symptoms.

Federal regulations require that we obtain, within 30 days of a verbal request, written authorization for every test we perform. You will be asked to forward a signed order, via fax or mail, for all verbal requests. The use of standing orders is permitted in connection with an extended course of treatment. Orders must be dated and current (executed within six months) and include diagnosis information in ICD-9 code format, test frequency, and an expiration date.

PATIENT SERVICE CENTER locations and information can be found on the Health Network Laboratories web site. Go to: www.healthnetworklabs.com for additional details.



CUSTOMER CARE/COURIER SERVICE

CUSTOMER CARE

The Customer Care Department at Health Network Laboratories is your direct personal link to our laboratory, 24 hours/day, 7 days/week. Our representatives are committed to assisting you with information concerning:

- Test and specimen requirements
- Test results or test status
- Add or cancel test requests
- Supply requests
- Patient Service Center information
- Problem solving
- Technical support
- Phlebotomy service

Toll Free: 1-877-402-4221

Fax: 484-425-8183

COURIER SERVICES

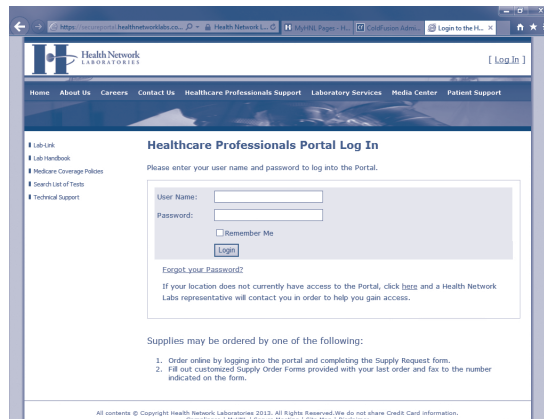
Courier service is available to provide you with both scheduled and unscheduled service for the transport of specimens and the delivery of reports and supplies. Our couriers are trained in client response, driver education, and safety. In addition to being provided with two-way cellular telephones for instant communication, our drivers and dispatchers utilize the latest technologies for route management and specimen tracking to ensure pickups and deliveries are made in the most expedient and efficient manner. During transport, specimens are stored in appropriate containers assuring their integrity upon arrival at the testing location. All materials are handled according to OSHA guidelines.

The Courier Services dispatcher can be reached by phone at either 877-402-4221 (toll free).

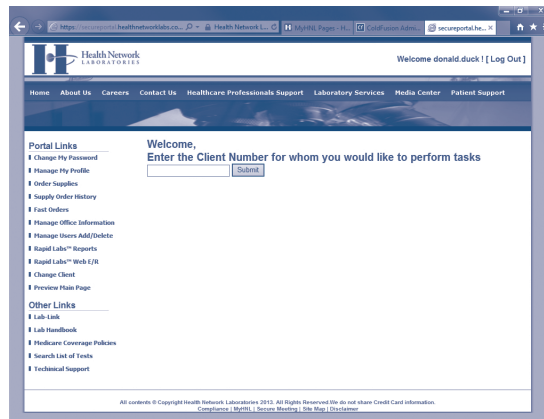
Health Network Laboratories provides specimen collection supplies for testing performed at our laboratory only. All supplies will be provided in compliance with Stark Law regulations.

Supplies may be ordered using the following methods:

1. Order online at www.healthnetworklabs.com. Click on “Healthcare Professionals Portal” in the upper right hand corner of the screen. Follow the instructions to “Log In”:



Upon successful entrance, select the Portal Link, “Order Supplies”:



OR

2. Fax a completed HNL Supply Request Form to:
484-425-5121 (PA Clients)
856-232-8022 (NJ Clients)

The most current, client-customized Supply Request Forms are provided with each delivered order.

HNL is committed to expediting your order within three to five business days.

794 Roble Rd.
Allentown, PA 18109-9110
Toll Free: (877) 402-4221
Fax: 484-425-8183



LABORATORY REQUISITIONS

LABORATORY REQUISITIONS

Manual requisitions are to be used to request tests by all customers, except for those placing electronic orders. These electronic users shall revert to a manual requisition during computer down times. Incomplete or illegible requisitions cannot be processed. It is essential that the appropriate information be printed legibly in ballpoint pen. Each specimen or series of specimens must be accompanied by a completed requisition.

Patient Demographics

The demographic data **required** on each requisition sent to the laboratory is:

- Patient Name: Last, First, Middle Initial
- Address
- Phone Number
- Gender
- Date of Birth
 - The laboratory computer calculates the age of the patient based on the birth date given and in conjunction with the gender information, assigns the corresponding normal range.
- Social Security Number
- Collection Date
- Collection Time
- STAT/FASTING/NON-FASTING
 - *Check applicable box.*
- Call Results To/Fax Results To
 - *Indicate if results are to be called/faxed and the number desired.*
- Duplicate Report To
 - *If an additional copy of a test report needs to be sent to a physician other than the ordering physician, please indicate by last name, first name, and physician location.*
- Comments
 - *Indicate any other preferences not mentioned above*

Billing Information

- Bill Insurance
 - Check box and provide **complete insurance** information including guarantor/subscriber name if patient is not the subscriber or attach a copy of patient's insurance **card** (front and back).
 - Bill My Account
 - Check box and complete **only when** your HNL account is to be billed.
 - Bill Patient (Self Pay)
 - Check box and complete **only when** your **patient** is to be directly billed. Provide complete name and address of person who is responsible for payment.
- (continued)*



LABORATORY REQUISITIONS

Health Network Laboratories Billing Requirements

Requisition Prompt	Type of Billing						
	Account	Patient	Medicare	Medicaid	3rd Party	PPO/HMO	W/C
Patient Demographics							
Name	✓	✓	✓	✓	✓	✓	✓
Address		✓	✓	✓	✓	✓	✓
Phone Number		✓	✓	✓	✓	✓	✓
Sex	✓	✓	✓	✓	✓	✓	✓
Date of Birth	✓	✓	✓	✓	✓	✓	✓
Social Security Number	✓	✓	✓	✓	✓	✓	✓
Collection Date/Time	✓	✓	✓	✓	✓	✓	✓
Billing Information							
Insurance Company Name & Address		✓	✓	✓	✓	✓	✓
Insurance Company Policy ID Number		✓	✓	✓	✓	✓	✓
Insurance Company Group Number		✓	✓	✓	✓	✓	✓
Medical/Medicaid Recipient ID Number				✓			
Guarantor Name		✓					
Guarantor Address		✓					
W/C Claim Number							✓
W/C Insurance Carrier Name & Address							✓
ICD-9 Codes		✓	✓	✓	✓	✓	✓

✓ indicates required information
W/C indicates Workers' Compensation

794 Roble Rd.
Allentown, PA 18109-9110
Toll Free: (877) 402-4221
Fax: 484-425-8183



LABORATORY REQUISITIONS

Advanced Beneficiary Notice (ABN)

*Medicare patients should be asked to read and sign HNL's Advanced Beneficiary Notice when it is believed that Medicare is likely to deny payment for a particular test. Medicare may deny payment for: Limited Coverage Tests if it is determined that it is not reasonable and necessary under their Limited Coverage Policies, tests ordered which are non-FDA investigational or research tests, or tests ordered as a part of routine screen or annual physical. HNL will only seek reimbursement directly from the Medicare patient if they have been notified in advance of the testing that Medicare is likely to deny payment and if they have signed the Advanced Beneficiary Notice. Please refer to HNL's **Guide to HGSA Medicare Services Limited Coverage Policies**. Please submit the signed Advanced Beneficiary Notice with the laboratory orders.*

ICD-9 Code

Complete the ICD-9 code section located above the test menu with the appropriate code/symptom to enable quick and accurate processing of claims.

Test Menu

Check the test you require to the left of the test name. There is space available for other tests, which can be used for tests not listed on the requisition form.

Note:

*If drawing specimens in your office/facility, please note the specimen **collection key** located at the bottom of HNL's Laboratory Requisition (HNL-02). This key corresponds to the letter code located on the far right of each individual test pre-printed on the requisition. Or call our Customer Care Department at either 877-402-4221 (toll-free).*

Note:

Physicians and other health care practitioners authorized to order tests should order tests medically necessary for the care and treatment of their patients. The Office of the Inspector General of the United States Health and Human Services Department takes the position that any physicians or other health care practitioners who order medically unnecessary tests may be subject to civil penalties under laws and regulations relating to Medicare, Medicaid, and other federally funded health care programs.



RESULTS REPORTING

RESULT REPORTING

Test reports will be delivered by courier, U.S. mail, or electronically printed via remote printer/fax/Internet access. STAT and critical results are provided via telephone and/or fax. The mechanism for delivery will be arranged to meet the needs of the client.

Results are available to patients upon request. **A Release of Protected Health Information Request Form** (next page) may be required.

There are several different types of reports that can be generated by HNL. Please contact your laboratory sales representative to discuss available options.



RELEASE FORM

RELEASE OF PROTECTED HEALTH INFORMATION REQUEST FORM

Date:	_____			
Patient Name (Print):	_____	DOB:	_____	
Med Rec #:	_____	SS #:	_____	
Requested by (Print):	_____	Signature:	_____	
Relationship to Patient:				
Type of Record:	<input type="checkbox"/> Self	<input type="checkbox"/> Parent	<input type="checkbox"/> Guardian	<input type="checkbox"/> Other _____
Date(s) of Record:	<input type="checkbox"/> Billing	<input type="checkbox"/> Clinical Lab Result(s)	<input type="checkbox"/> Pathology	
Date needed by:	_____ (HNL may take up to 30 days to compile your record request)			
Please indicate where records are to be sent:	_____			

Comments:				

HNL USE ONLY

Received by:	_____
Date Request received:	_____
Date Completed:	_____
Date Record Sent:	_____
Record Released by:	_____

*Under certain circumstances HNL has the right to refuse this request.
This request is not to be used for disclosure to anyone other than the patient or his/her representative.*



CRITICAL VALUES

HNL has established the following test results/ranges to be of a critical status. Therefore, any result outside of these parameters will be called/faxed to your office/facility immediately upon completion of testing.

If you desire to modify any of these ranges to better suit your needs, please contact your laboratory sales representative. They will provide you with a Critical Value Modification Request Form. All changes will remain in effect until modifications are requested and authorized.

Analyte	Low Limit	High Limit
Acetaminophen		> 150 µg/mL
Amikacin		Trough: > 10 µg/mL
Ammonia		> 100 µmol/L
Amylase		> 300 units/L
Base Deficit, Cord Blood, Arterial		>15.0
Bilirubin, Total	Call all outpatient neonatal bilirubins	<1 day: >10.0 mg/dL 1 to <2 days: >13.0 mg/dL ≥ 2 days: >15.0 mg/dL Call all outpatient neonatal bilirubins
Calcium	< 6.0 mg/dL	> 13.0 mg/dL
Calcium, Ionized, Whole Blood	< 3.0 mg/dL	> 6.5 mg/dL
Calcium, Ionized, Serum (Out-patient only)	<0.75 mmol/L	>1.63 mmol/L
Carbamazepine, Total		> 15 µg/mL
Carbamazepine, Free		> 4.0 µg/mL
Carboxyhemoglobin		> 20.0 %
CO ₂ content	< 15 mEq/L	
CSF Protein		> 75 mg/dL
CSF Glucose	< 40 mg/dL	> 400 mg/dL
Differential(WBC)	<ul style="list-style-type: none"> Elevated band count ≥ 25% Presence of ≥ 3.0 immature (blast) cells (1st time only) Hematopathologist review to follow Microorganisms (Intracellular or Extracellular) present on peripheral blood smear 	
Digoxin		> 2.5 ng/mL
Fibrinogen	< 101 mg/dL	
Gentamicin		Peak: > 12.0 µg/mL Trough: > 2.0 µg/mL
Glucose	< 40 mg/dL	> 400 mg/dL
Hemoglobin	0-3 days: <12.0 g/dL 4-60 days: <9.0 g/dL >60 Days: <8.0 g/dL	0-3 days: >22.0 g/dL 4-60 days: >20.0 g/dL >60 Days: >21.0 g/dL
Heparin Level (Unfractionated)		> 0.7 units/mL
Lactate		> 4.0 mmol/L

Revision Date: September 2015 (continued)

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Health Network
LABORATORIES®

CRITICAL VALUES

Analyte	Low Limit	High Limit
Lithium		> 2.0 mmol/L
Magnesium	< 1.0 mg/dL	> 5.0 mg/dL
Osmolality, serum	< 250 mOsm/kg	> 325 mOsm/kg
pO ₂	< 60 mmHg	
pCO ₂	< 20 mmHg	> 60 mmHg
pH	<7.20	> 7.55
pH, Cord Blood, Arterial	<7.00	
Phenobarbital		> 40 µg/mL
Phenytoin, Total		> 25.0 µg/mL
Phenytoin, Free		> 3.0 µg/mL
Phosphorus	< 2.0 mg/dL	<1 year: >11.0 mg/dL ≥ 1 year: >8.0 mg/dL
Platelets	< 30 thousand/µL (10 ⁹ /L)	> 1,000 thousand/µL (10 ⁹ /L)
Procainamide + NAPA		> 30 µg/mL
Potassium	< 3.0 mmol/L	> 6.0 mmol/L
INR		> 4.9
PTT		≥ 95.0 seconds* * range varies with reagent lot
Quinidine		> 10.0 µg/mL
Salicylate		> 30.0 mg/dL
Sodium	<120 mmol/L	>155 mmol/L
Sperm	If present in urine of females < 18 years and ALL female Nursing Home Residents.	
Theophylline		> 25.0 µg/mL
Tobramycin		Peak: > 12.0 µg/mL Trough: > 2.0 µg/mL
TCO ₂	<15 mmol/L	>40 mmol/L
Troponin I		> 0.78 ng/mL
Urea Nitrogen		0-16 years: >49 mg/dL Adult: >99 mg/dL
Uric Acid		> 13.0 mg/dL
Valproic Acid, Total		> 125 µg/mL
Valproic Acid, Free		> 15 µg/mL
Vancomycin		Peak: > 60.0 µg/mL Trough: > 20.0 µg/mL
WBC		> 30.0 thousand/µL (10 ⁹ /L)
Absolute Neutrophil Count (ANC)	< 1.5 thousand/µL (10 ⁹ /L)	

* RANGE VARIES WITH REAGENT LOT

Revision Date: September 2015

MICROBIOLOGY CRITICAL VALUES

The revised critical values can also be viewed on-line in the General Information section of the Laboratory Handbook using the Quick Link- “Healthcare Professionals Portal” on Health Network Laboratories’ home page, www.healthnetworklabs.com.

TEST	CALL
AFB, Mycobacteria, TB Culture	Positive smears and cultures
Blood Culture	Positive Gram stains and Group A Streptococci isolates
Bordetella pertussis, PCR	B. pertussis detected
Clostridium difficile Toxin B Assay	Positives
Cerebral Spinal Fluid Culture	All Gram stains and positive bacterial cultures
CSF Herpes, Culture or PCR	HSV1 / HSV2 detected
CSF Enterovirus, Culture or PCR	Enterovirus detected
Eye Culture	S. aureus, S. pneumoniae, Fusarium, Gram negative organisms and viral isolates
India Ink	Encapsulated yeast
Mycology Culture	Blastomyces dermatitidis, Histoplasma capsulatum, Paracoccidioides brasiliensis, Coccidioides immitis, Penicillium marneffeii and Sporothrix schenckii
Susceptibilities	Methicillin resistant S. aureus (MRSA) Penicillin resistant S. pneumoniae Vancomycin resistant Enterococci (VRE) Extended spectrum beta lactamase producers (ESBL) and carbapenemase producers
Synovial Fluid Culture	All Gram stains and positive cultures
Viral Respiratory Specimens, Culture or PCR	Influenza A/B and RSV detected
Wound/ Fluid Cultures	Beta Streptococci Group A isolates in sterile sites only

REVISION DATE: April 2013