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## Laboratory Purpose and Service Policy

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### **Purpose:**

The following policy defines department location, hours of operation, department purpose and services provided by the laboratory.

### **Department location:**

OBMC - Ochsner Baptist Medical Center – 2700 Napoleon Ave. New Orleans, Louisiana 70115

OBMC - Main Laboratory located on the 2<sup>nd</sup> floor on the hospital suite H225

OBMC - Blood Bank-located within the laboratory on the 2<sup>nd</sup> floor of the hospital suite H225

OBMC - Anatomic Pathology-located within the laboratory on the 2<sup>nd</sup> floor of the hospital suite H225

### **Laboratory Hours of Operation:**

The laboratory provides services 24 hours per day, 7 days per week.

Blood Bank special procedures such as therapeutic phlebotomy and apheresis procedures are provided by an outside contracted vendor. Request for these procedures must be scheduled by the provider in order of priority and patient availability.

Anatomic Pathology provides services 7a-5p Monday through Friday. Frozen sections and other special procedures must be scheduled, or pathologist must be notified in advance. On-call pathology will be dispatched when needed after hours.

### **Department Purpose**

The Clinical Laboratory and Pathology department serves to analyze and examine materials fluids and tissues obtained from patients at the request of their physician. Results of laboratory testing aid the physician in diagnosing, managing, and treating the patient. An on-site laboratory at each location which provides timely and STAT resulting of routine clinical tests, essential to daily patient management and life-threatening situations.

### **Services Provided:**

General clinical laboratory testing is performed in-house for inpatients, outpatients and the emergency department 24 hours a day at OBMC. Specialized departments within the laboratory at OBMC includes Transfusion medicine, Chemistry, Hematology, Hemostasis, Urinalysis, Serology and Anatomic Pathology.

*Refer to the OBMC Test Menu appendix document for detailed information starting on page 3.*

Laboratory services provided offsite by our affiliated lab include Special Chemistry, Histology/Cytology, Toxicology, Microbiology and Blood Bank reference lab services.

### **Turnaround Times**

Turnaround time may vary depending on the patient. These times do not take into account unexpected events such as instrument errors or critical values that must be repeated prior to resulting. Below are expected turnaround times based on priority performed at OBMC providing no further testing is needed.

- STAT- 60 minutes
- ASAP- 2-4 hours
- TIMED- 1-2 hours
- ROUTINE- 4-8 hours

**Transfusion Medicine:**

In addition to analyzing patient specimens the transfusion service at OBMC provides for the storage and preservation of blood and its components for patient use. O negative red blood cells (if available) are stocked at OBMC for emergency release and transfusion in emergent situations. Blood products such as red blood cells, fresh frozen plasma, liquid plasma, platelets, and cryoprecipitate are routinely stocked in house. Due to the patient's condition, status, or product requirements (CMV negative, antigen negative irradiated plasma reduced, or saline washed, etc.), may require outsourcing from our contracted reference labs or another outside blood supplier. Timely receipt of outsourced blood products depends on the requirement needed to safely transfuse the patient.

Turnaround time from receipt of sample in the Blood Bank is 1 hour. All requests are processed in order of priority. Patients requiring special needs such as irradiated, antigen negative, saline washed, etc. requires extra processing time.

Any product not available in-house will be ordered from our contracted blood supplier and transported via courier service. Notification are made to the appropriate party, nursing staff, provider, lab director, and transfusion services medical director when an unexpected event occurs and may impact patient care. This may include but is not limited to delays in providing blood products.

**Transfusion Medicine Turnaround Times**

Turnaround time may vary depending on the patient. These times do not take into account unexpected results such as positive antibody screens. Antibodies must be identified in order to issue compatible products. A definite timeline cannot be given for such workups, only an estimate at best. Below are expected turnaround times for testing performed at OBMC providing no further testing is needed. Additional time will be added for those samples that must be sent to our contracted reference lab for further testing. If products are required there may be more of a delay:

Type and Screen – 30 minutes

Antibody Identification Workup – 1-3 hours; if sent to OMC, allow additional time

Red Cells – 15 minutes if pre-transfusion testing completed; in pre-transfusion testing not completed, 45 minutes to 1 hour

Apheresis Platelets – 10-15 minutes; if ordered from blood supplier OMC, allow 3 hours

Fresh Frozen Plasma - 30 minutes

Cryoprecipitate – 30 minutes; if ordered from blood supplier OMC, allow 3 hours

Liquid Plasma – Issued only during MTPs – 10-15 minutes

**Transfusion Medicine Information Systems**

The laboratory utilizes a Laboratory Information System to distribute results to nursing stations and providers. It is also utilized as a tracking system to track specimen location, turnaround times, record retention and record retrieving. Any non-interfaced reports from reference labs are scanned in the patient's chart and faxed to provider offices or nursing units. These results can also be manually faxed upon request.

**The Ochsner Medical Center Blood Transfusion Manual** is available for all providers and hospital staff regarding policies and procedures. A copy of this manual can be located on the Ochweb Intranet, link <https://ochsnerhealth.sharepoint.com/culture/involved/Shared%20Documents/Blood-Transfusion-Manual.pdf>

## **OBMC Test Menu appendix**

### **Chemistry Test Menu**

Ochsner Clinic Foundation (CAP# 1993801)  
Acetaminophen, serum/plasma  
Albumin, serum/plasma  
Alcohol/volatiles, serum/plasma  
Alkaline phosphatase, serum/plasma  
ALT, serum/plasma  
Amikacin, serum/plasma  
Ammonia, serum/plasma  
Amylase, serum/plasma  
Amylase, urine  
AST, serum/plasma  
Beta-hydroxybutyrate, waived  
Bilirubin, direct, serum/plasma  
Bilirubin, total, neonatal, serum/plasma  
Bilirubin, total, serum/plasma  
C-reactive protein, high sensitivity (hsCRP)  
C-reactive protein, qual and/or quant  
Calcium, ionized, whole blood, non-waived  
Calcium, serum/plasma  
Calcium, total, whole blood, non-waived  
Calcium, urine  
Carbamazepine  
Chloride, serum/plasma  
Chloride, urine  
Chloride, whole blood, non-waived  
CO<sub>2</sub>, serum/plasma  
Creatine kinase (CK), serum/plasma  
Creatinine, serum/plasma  
Creatinine, urine, quantitative  
Creatinine, whole blood, non-waived  
Digoxin  
Gentamicin, serum/plasma  
Glucose, CSF  
Glucose, serum/plasma  
Glucose, whole blood, non-waived  
hCG, quantitative, serum/plasma  
HCV antibody, non-rapid immunoassay method  
HIV-1/2 antibody/p24 antigen, non-rapid immunoassay  
Lactate, serum/plasma

LD, serum/plasma  
Lipase, serum/plasma  
Magnesium, serum/plasma  
NT-proBNP  
Osmolality, serum/plasma/whole blood, measured  
Osmolality, urine  
Parathyroid hormone (PTH), intact, serum/plasma  
Phenobarbital  
Phenytoin  
Phosphorus, serum/plasma  
Phosphorus, urine  
Potassium, serum/plasma  
Potassium, urine  
Potassium, whole blood, non-waived  
Procalcitonin  
Protein, total, CSF  
Protein, total, quantitative, urine  
Protein, total, serum/plasma  
Salicylate, serum/plasma  
Sodium, serum/plasma  
Sodium, urine  
Sodium, whole blood, non-waived  
Syphilis antibodies, non-waived  
T4, free  
Therapeutic drug monitoring  
Troponin I, high sensitivity  
TSH, serum/plasma  
Urea, serum/plasma  
Urea, urine  
Urea, whole blood, non-waived  
Uric acid, serum/plasma  
Uric acid, urine  
Urine toxicology, qual, automated immunoassay  
Valproic acid  
Vancomycin, serum/plasma

### **Anatomic Pathology Test Menu**

Activity Name

DNA MMR, pred. marker, IHC stain & path interp

ER, breast, pred. marker, IHC path interp only

FNA processed in Surgical Pathology

Gross evaluation, non-pathologist

Gross evaluation, pathologist

HER2, breast, pred. marker, IHC path interp only

HER2, gastric, pred. marker, IHC stain&path interp

Intraoperative consultation (e.g. frozen sections)

Microscopic evaluation, Surgical Pathology

Pathologist interpretation, FNA

Pathologist interpretation, FNA

Pathologist interpretation, non-gyn cytology

### **Hematology /Coagulation Test Menu**

Body fluid cell count, automated

Body fluid cell count, manual

Body fluid differential/cell identification

D-dimer, quantitative

ESR, automated, non-waived

ESR, manual, waived

Fibrinogen

Hematocrit, non-waived

Hematocrit, waived

Hemoglobin, non-waived

INR calculated, plasma, non-waived

nRBC count, automated

Platelet count, automated

PT, plasma

PTT, plasma

RBC count

RBC indices (e.g. MCV, RDW)

Reticulocyte count, automated

WBC count, automated

WBC differential, automated

WBC differential, manual

**Urinalysis Test Menu**

Urinalysis dipstick, automated, non-waived  
Urinalysis dipstick, manual, waived  
Urinalysis microscopic, automated (inc. crystal ID)  
Urinalysis microscopic, manual (inc. crystal ID)  
Vaginal wet mount

**Immunology Test Menu**

Fetal fibronectin  
HIV-1/2 antibody rapid test, waived  
Infectious mononucleosis, waived  
Influenza, rapid NAA, waived  
nCoV 2019, NAA, EUA, waived  
PAMG-1 protein detection, fluid (ROM)  
RSV, rapid NAA, waived  
Strep A, rapid NAA, waived

**Microbiology Test Menu**

Blood culture collection only