

Laboratory Services

Our laboratory departments perform a variety of routine and stat testing utilizing state-of-the-art technologies. Staffed with a department supervisor and highly dedicated technologists, our laboratory services the entire Cape Cod community. Each department is led by a pathologist, with technical expertise in the discipline.

Blood Bank

- Antibody identification
- Antibody screen
- Blood typing
- Cord blood studies
- Crossmatch
- Direct antibody test
- Prenatal Screens
- Transfusion service

Blood Donor Center

- Autologous donation
- Allogeneic donation
- Therapeutic phlebotomy

The Blood Donor Center at Cape Cod Hospital is open Monday through Friday, 8 a.m.- 4 p.m. Call for an appointment at 508-86BLOOD or 508-862-5663.

Human blood is precious and cannot be substituted. At Cape Cod Healthcare, we know just how critical blood is to saving a life or treating someone with a life-threatening disease like cancer. Each year, approximately 8,000 blood products are transfused at Cape Cod Hospital and Falmouth Hospital.

All of the blood collected at Cape Cod Healthcare stays here to support our hospitals to treat our families, friends, neighbors and visitors right here on Cape Cod.

Cape Cod Healthcare Blood Drives are held frequently throughout the community. For information on an upcoming blood drive near you, please visit our website at www.capecodhealth.org/giveblood.

To host a Blood Drive at your place of business or association please call us at 508-862-5378. Our Blood Donor Recruiter is on staff and ready to provide guidance and materials for you to host a successful drive.



Chemistry/Urinalysis Department

- Anemia, fertility, reproductive, thyroid function, endocrine, nutritional, and cardiovascular assays (BNP, Troponin, CKMB)

- Complete urinalysis

Fetal Fibronectin Testing

- High-sensitivity C-reactive protein testing
- Oncology/tumor marker screening
- Routine chemistries including electrolytes, renal and lipid assessment, liver, and metabolic panels
- Special protein testing to include quantitation of immunoglobulins, immunofixation and protein electrophoresis testing, microalbumin, and complement assays
- Toxicology screening to include drugs of abuse and TDM testing (excludes legal testing)
- Infectious Disease Testing: Hepatitis, HIV

Hematology/Coagulation Department

- Anemia and leukemia assessment
- Body fluid testing
- Bone marrow preparations
- Coagulation testing to include PT, PTT, fibrinogen, and D-dimer testing
- Complete blood counts and Differentials
- Cryoglobulinemia testing
- Erythrocyte sedimentation rates
- Malaria/babesia/ehrlichia screening
- Myeloproliferative disorders
- Pathology review/consultation services
- Reticulocyte counts
- Semen analysis

Microbiology/Infectious Disease Department

- Aerobic and anaerobic bacteriology
- Automated enzymatic microbial testing
- *Clostridium difficile* toxin test
- Concentrated microscopy
- Gram stains
- Molecular probe testing
- Mycology
- Parasitology

Serology

- Antistreptolysin-O screen
- Antistreptolysin-O titer
- Cold agglutinin titer
- Infectious mononucleosis slide testing
- Rapid plasma reagin testing
- Rheumatoid arthritis screen
- Rheumatoid arthritis titer
- Rubella