



CLINICAL and ENVIRONMENTAL SERVICES

Specimen kits are available, by written requisition (mail or fax), for most testing at OLS.

DIAGNOSTIC IMMUNOLOGY

HIV – Ext. 2407

- Serodiagnosis and confirmation of HIV 1/2.

SEROLOGY – Ext. 2405

- Serodiagnosis of Hepatitis A, B & C;
- Rubella immunity status testing;
- Syphilis screening and confirmation;
- NAAT detection of *Chlamydia trachomatis* and *Neisseria gonorrhoeae*.

ENVIRONMENTAL MICROBIOLOGY – Ext. 2710

- Bacteriological screening of drinking water (total coliform / *E. coli*) for local health departments (LHDs), public water systems, individuals and the Office of Environmental Health Services (OEHS);
- Bacteriological screening of recreational waters and bottled water.

Bardane District Environmental Laboratory

1948 Wiltshire Road, Suite #7/Keameysville, WV 25430
304-725-5832

- Bacteriological screening of drinking water.

ENVIRONMENTAL CHEMISTRY

4710 Chimney Drive Suite G/Charleston, WV 25302
304-965-2694 extension 2222

- Private well and public water chemical testing for individuals, health departments and Office of Environmental Health Services;
- Public water supply testing for compliance monitoring of regulated chemical contaminants;
- Fluoride analysis for public supplies and for pediatric dental program;
- Water sample mailing kits available on request by phone, fax (304-965-2696) or mail.

ENVIRONMENTAL LABORATORY CERTIFICATION

- Certification of LHD's, water plants and commercial labs that perform work under the Safe Drinking Water Act.

Microbiology – Ext. 2710 or Chemistry – 304-965-2694

REGULATORY AND COMPLIANCE

TRAINING & EVALUATION – Ext. 2106

- Clinical laboratory workshops/correspondence courses/audio-visual materials;
- HIV testing laboratory approval;
- Syphilis serology testing laboratory approval.

CLINICAL LABORATORY LICENSE – Ext. 2105

- Processing of clinical laboratory practitioner's licenses.

Clinical Laboratory Improvement Amendments (CLIA) – Ext. 2103

MICROBIOLOGY

BACTERIOLOGY – Ext. 2403

- Identification of referred isolated cultures;
- Culture and NAAT for *Bordetella pertussis*;
- Serotyping of *Neisseria meningitidis*, *Haemophilus influenzae*, *Salmonella*, *Shigella*, *Streptococcus pneumoniae* and *E. coli*;
- Identification of *Neisseria gonorrhoeae* cultures;
- Stool cultures for *Salmonella*, *Shigella*, *Campylobacter*, *E. coli* O157:H7, etc.

MYCOBACTERIOLOGY (TB) – Ext. 2621

- Identification of referred isolated cultures;
- Isolation and identification of mycobacterium from sputum, bronchial washings, gastric washings, urine, tissue, CSF, wound aspirate, etc.;
- Rapid liquid culture methods;
- Rapid Identification (NAAT, DNA probes).

PARASITOLOGY – Ext. 2602

- Detection and identification of intestinal parasites (protozoa, helminth, etc.) and adult worms (*Ascaris*, pinworm, etc.);

RABIES – Ext. 2611

- Diagnostic testing for the presence of the Rabies virus in animals (mammals).

MOLECULAR – Ext. 2602

- PCR detection of Influenza and other respiratory viruses.
- Testing of stool specimens for the presence of Norovirus RNA.
- Whole genome sequencing of foodborne pathogens.
- Resistance mechanism testing for carbapenemases.

ARBOVIRUS – Ext. 2403

- Detection of WNV, SLE, LAC, and Zika viruses in mosquitoes.

NEWBORN SCREENING – Ext. 2501

All infants in WV are screened for disorders of amino acid metabolism, congenital hypothyroidism (CH), congenital adrenal hyperplasia (CAH), galactosemia, biotinidase deficiency, cystic fibrosis, hemoglobinopathies, fatty acid oxidation (FAO), severe combined immunodeficiency (SCID), spinal muscular atrophy (SMA), and organic acid (OA) disorders. Follow-up is provided by Office of Maternal, Child and Family Health and by health care providers in coordination with medical specialists.

THREAT-PREPAREDNESS RESPONSE

BIOLOGICAL – Ext. 2301

- Preliminary and confirmatory identification of Bioterrorism agents for clinical and environmental specimens;
- Referral of specimens to appropriate LRN laboratories and/or CDC.

CHEMICAL – 965-2694 Ext. 2226

4710 Chimney Drive, Suite G/Charleston, WV 25302

- Chemical terrorism agents/toxic industrial chemicals clinical and environmental sampling assistance;
- Preliminary and confirmatory identification of chemical terrorism agents/toxic industrial chemicals in clinical and environmental samples;
- Referral of specimens to appropriate LRN laboratories and/or CDC.

LABORATORY DIRECTOR ext 2107

ASSOCIATE DIRECTOR – Clinical Services ext 2110

ASSOCIATE DIRECTOR – Environmental Services ext 2710

DUI PROGRAM DIRECTOR ext 2111

REGULATORY/COMPLIANCE SERVICES ext 2106

LABORATORY SUPPORT SUPERVISOR ext 2140

DIAGNOSTIC IMMUNOLOGY SUPERVISOR ext 2410

MICROBIOLOGY SUPERVISOR ext 2610

NEWBORN SCREENING SUPERVISOR ext 2510

ENVIRONMENTAL MICROBIOLOGY MANAGER ext 2711

ENVIRONMENTAL CHEMISTRY MANAGER 304-965-2694 ext 2222

BIOLOGICAL THREAT PREPAREDNESS MANAGER ext 2301

CHEMICAL THREAT PREPAREDNESS MANAGER 304-965-2694 ext 2226