



UPHL
 4431 S. Constitution Blvd.
 Taylorsville, UT 84129-8600
 uphl.utah.gov

Utah Public Health Laboratory

How Can We Help You?



Laboratory Director: Dr. Robyn Atkinson-Dunn

Our Contributions

- Provide dedicated public health laboratory services to all Utah citizens
- Communicate directly with the Center for Disease Control and Prevention (CDC) to ensure knowledge and action for the most critical public health concerns
- Utah's only EPA-designated "Primacy Laboratory" for drinking water
- Free of charge courier service for specimen delivery in 37 locations statewide
- Drug testing for State Medical Examiner
- Principal laboratory for Utah Law Enforcement agencies



For more details on the services offered by the Utah Public Health Laboratory, please look inside!

Newborn Screening

Special blood testing done on each Utah baby.

Screens specifically for disorders that can alter health and quality of life, or increase risk of death.



- ~51,000 babies screened each year
- Screening of 42 genetic disorders including:
 - Amino Acid Disorders
 - Biotinidase Deficiency
 - Congenital Adrenal Hyperplasia
 - Congenital Hypothyroidism
 - Cystic Fibrosis
 - Fatty Acid Disorders
 - Galactosemia
 - Hemoglobinopathies
 - Organic Acid Disorders
 - Severe Combined Immunodeficiency
 - Spinal Muscular Atrophy

Chief Scientist: Andy Rohrwasser, PhD



Chemical and Environmental Services

Chief Scientist: Eleanor Ojinnaka

Inorganic and Metals

- Tests drinking water samples for presence of arsenic, cadmium, lead, and mercury
- Determines metal content in air, water, and soil samples



Infectious Diseases

- Clinical and surveillance testing for bacterial and viral pathogens.
- Detection of pathogens related to and associated with food-borne illness.
- Immediate response to emerging and resurging infectious pathogens.
- Utah's only laboratory for detection of Rabies virus in animals

Chief Scientist: Alessandro Rossi, PhD

Forensic Toxicology

Analyzes body fluids and tissues to determine the presence of alcohol, drugs, and other substances.

Toxicology results are used to:

- Assist medical examiners in determining cause and manner of death.
- Assist law enforcement agencies in cases involving driving under the influence (DUI) of alcohol and/or drugs, automobile homicides, and other crimes.

Toxicology staff conducts the analyses, issue reports on its findings, and provides court testimony to interpret the test results.

Chief Forensic Toxicologist: Matt Slawson, PhD

Emergency Response

Biological Threat Laboratory

- Performs rapid testing of environmental and clinical samples
- Provides training, testing, and support for Utah's clinical laboratories
- Serves as Utah's only Laboratory Response Network laboratory for biological threats (24/7/365)

Laboratory Manager: Kim Christensen

Chemical Threat Laboratory

- Collaborates with first responders, Poison Control Centers, ER physicians, and hospital personnel on chemical threat exposure recognition and testing environmental and clinical samples
- Screens blood and urine specimens for WMD agents such as nerve agents, cyanide, toxic metals, and volatile organic chemicals
- Serves as Utah's only Laboratory Response Network laboratory for chemical threats (24/7/365)

Laboratory Manager: Rita Cheng



Courier Service

Please visit <http://uphl.utah.gov> for a map and more information
OR
Contact our Client Relations Manager, Nancy Arbon at: narbon@utah.gov.

Phone: 801.965.2400
Fax: 801.965.2520
Email: uphl@utah.gov

For more information
<http://uphl.utah.gov>

Come See Us!

