

Chemical Preparedness and Response

Revised 10-24-2023

Test description	Referral of blood and urine specimens to CDC for rapid toxic screen to assess the potential of a chemical exposure event; to provide surge capacity analysis, as needed, of human specimens for metabolites indicative of exposure to chemical agents.
Test Use	To aid in identifying a chemical terrorism event.
Test Department	Chemical Preparedness Phone: (860) 920-6716 or (860) 620-6717
Methodology	ICP-MS, GC-MS
Availability	Daily, Monday-Friday
Specimen requirements	From each patient submit, <ul style="list-style-type: none"> • Whole blood collected by venipuncture into 3 purple top tubes and 1 green or gray top tube • Clean catch urine (40-60 ml) in a screw capped collection cup • Blank tubes -2 empty and unopened purple top tubes, 2 empty and unopened green or gray top tubes, 2 empty and unopened urine cups
Collection Kit/Container	Collection kit containing tubes, submission form and collection instructions are located within the emergency departments in the state's sentinel hospitals
Collection Instructions	Standard venipuncture Clean catch urine collection
Specimen Handling & Transport	Transport to the laboratory immediately.
Unacceptable conditions	Unlabeled specimens Specimens that have leaked or containers that have broken in transit Improperly collected specimens
Requisition Form	Chemical Response Specimen Submission/ Chain of Custody Form
Required Information	Name and address of submitter. Two patient identifiers (Name, DOB, Acc.#, MRN), town of residence (city, state, zip), race/ethnicity, specimen type or source of collection, date collected, and test requested. Please ensure information on the requisition matches the specimen.
Additional Comments	The Chemical Preparedness and Response Laboratory is a partner in CDC's Chemical Laboratory Response Network (LRN-C) to develop surge capacity in response to a chemical exposure public health emergency.