

— Toxicology

Toxicology is the study of adverse effects of chemicals on living organisms that includes the symptoms, mechanisms, treatments and detection of poisoning of people.

The relationship between dose and its effects on the exposed organism is of high significance in toxicology. The chief criterion regarding the toxicity of a chemical is the dose, i.e. the amount of exposure to the substance.

Hide

Heavy Metals

Heavy Metal Lab tests are used to screen for or to diagnose heavy metal poisoning in those who may have been acutely or chronically exposed to one or more heavy metals and to monitor excessive metal concentrations in those who work with various heavy metals. Testing is also conducted to monitor the efficacy of chelation therapy, a treatment to rid the body of high amounts of a heavy metal.

Hide

ZINC PROTOPORP...
(mcg/dL)

<50

Range: <100

ZINC PROTOPORPHYRIN (ZPP)

(mcg/dL)



Result Comments

Industrial Exposure <100 mcg/dL
(Refer to current Occupational Safety and Health Administration (OSHA) regulation for exposure criteria)

This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics Nichols Institute Chantilly, VA. It has not been cleared or approved by the U.S. Food and Drug Administration. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.