

— 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 ... [See more](#)

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 ... [See more](#)

▮ CADMIUM, BLOOD
(mcg/L)

<0.5

Range: See Comments

CADMIUM, BLOOD

(mcg/L)

Result Comments

Reference Range:

Adults, Non-Smokers: 1.7 mcg/L or less

Adults, Smokers: 5.0 mcg/L or less

OSHA Reference Range: 5.0 mcg/L or less

Toxic Concentration: Early signs of toxicity have been observed at 30 mcg/L.

Cadmium is a naturally occurring element that is mined and used in industrial production because of its durability. Exposure tends to occur in industrial sectors including manufacturing, construction, and transportation. Excessive cadmium exposure can damage lungs, kidneys, and the digestive tract.

For more information, visit <https://www.cdc.gov/niosh/topics/cadmium/>

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.