

Available now in  
serum/plasma  
and urine

## NMS Labs offers chromium and cobalt testing in support of metal implant exposure cases

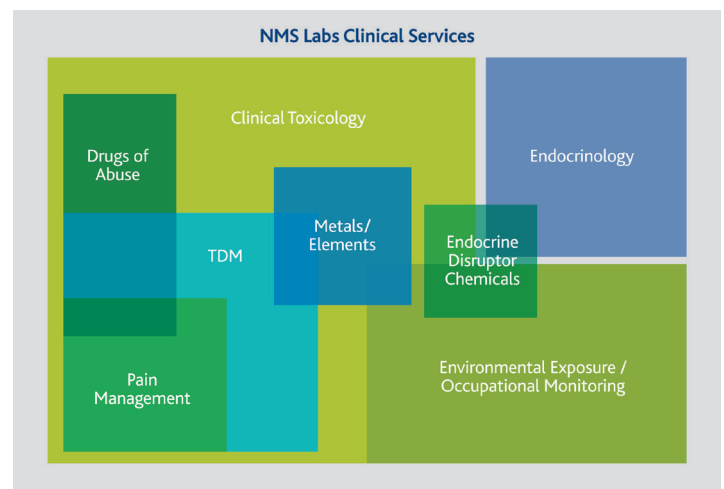
NMS Labs now offers a **chromium and cobalt test in blood, serum/plasma and urine** to help support our customers and those in the medical community involved in postmarket surveillance studies aimed at helping the FDA to better understand metal-on-metal hip systems and their safety profiles. Testing can help with the determination of metal exposure, such as in cases of patients who have been implanted with recalled metal hips. This test was built following the specifications required in the recall testing. These specifications include ICP-MS methodology and a lower limit of detection.

Metal poisoning is a risk with metal hip implants due to their design. As the metal-on-metal components rub against each other, they can release cobalt and chromium into the tissues and bloodstream. Signs and symptoms of damage to the muscles, bones and nerves around the hip include pain, inflammation, tumors and difficulty walking. These symptoms may be delayed, which is why bio-monitoring is critical.

### Other Metals Panels Available

- 2661** Metals/Metalloids Panel 1 (Arsenic, Lead, Mercury)
- 2662** Metals/Metalloids Panel 2 (Cadmium, Manganese, Nickel, Thallium)
- 2663** Metals/Metalloids Panel 3 (Arsenic, Cadmium, Chromium, Lead, Mercury)
- 2664** Metals Panel 4 (Arsenic, Cadmium, Lead, Mercury)
- 2693** Metals/Metalloids Acute Poisoning Panel (Antimony, Arsenic, Barium, Bismuth, Lead, Mercury, Selenium, Thallium)

View our online test catalog for  
detailed information on these tests:  
[www.nmslabs.com/test-catalog](http://www.nmslabs.com/test-catalog)



Contact NMS Labs Client Support for more information.

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