



Patient ID SA00150818	Patient Name TESTINGRNV, CRCOFNORM	Birth Date 2000-02-22	Sex U	Age 21
Order Number SA00150818	Client Order Number SA00150818	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 21 Feb 2022 00:00		

Chromium and Cobalt, Synovial FI

Chromium, Synovial FI

1 SDL

<5.0 ng/mL

Reference Value
<16.9

Based on an internal study, when synovial fluid chromium concentrations were >16.8 ng/mL it was more likely due to a metal reaction (e.g. adverse local tissue reaction (ALTR)/adverse reaction to metal debris (ARMD)) versus a non-metal reaction in patients undergoing metal-on-metal revision (sensitivity of 92.3% and specificity of 92.6%).

Cobalt, Synovial FI

1 SDL

<5.0 ng/mL

Reference Value
<19.8

Based on an internal study, when synovial fluid cobalt concentrations were >19.7 ng/mL it was more likely due to a metal reaction (e.g. adverse local tissue reaction (ALTR)/adverse reaction to metal debris (ARMD)) versus a non-metal reaction in patients undergoing metal-on-metal revision (sensitivity of 92.3% and specificity of 96.3%).

Received: 22 Feb 2022 08:15

Reported: 22 Feb 2022 08:25

Laboratory Notes

- 1 This test was developed and its performance characteristics determined by Mayo Clinic in a manner consistent with CLIA requirements. This test has not been cleared or approved by the U.S. Food and Drug Administration.

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
SDL	Mayo Clinic Laboratories - Rochester Superior Drive	3050 Superior Drive NW, Rochester MN 55901	William G. Morice M.D. Ph.D	24D1040592