



LABORATORY REPORT

QC ACCOUNT (WARDE)
300 W. TEXTILE
ANN ARBOR MI 48108

EXAMPLE, REPORT
WX0000000237 F 12/05/1988 37 Y

Referral Testing

Collected: 03/05/2026 14:38 Received: 03/05/2026 14:38

Table with 6 columns: Test Name, Result, Flag, Ref-Ranges, Units, Site. Row 1: Titanium, Serum/Plasma, 1.5, mcg/L, NMRL

Reporting Limit: 1.0 mcg/L
The normal value for titanium is generally less than 5 mcg/L.
In patients with a titanium-based implant/prosthesis, a blood concentration greater than 10 mcg/L may be indicative of wear. However, a reported titanium value alone is not predictive of prosthesis wear or failure.
Analysis by Inductively Coupled Plasma/Mass Spectrometry (ICP/MS)
Specimens for elemental testing should be collected in certified metal-free containers. Elevated results for elemental testing may be caused by environmental contamination at the time of specimen collection and should be interpreted accordingly. It is recommended that unexpected elevated results be verified by testing another specimen in a trace metal free container.
This test was developed and its performance characteristics determined by NMS Labs. It has not been cleared or approved by the US Food and Drug Administration.
Digital data review may have taken place remotely by qualified NMS staff utilizing a secure VPN connection for some or all of the reported results. This is in accordance with and follows CLIA regulations.

Testing performed at NMS Labs, Inc.
200 Welsh Road
Horsham, PA 19044-2208
Robert A. Middleberg, PhD, F-ABFT, DABCC-TC, Laboratory Director
CLIA 39D0197898

Reported Date: 03/05/2026 14:39 TITAN

Performing Site:
NMRL: NMS Labs 200 Welsh Road Horsham PA 19044

LAB: L - LOW, H - HIGH, AB - ABNORMAL, C - CRITICAL, . - NOT TESTED

E705000002 Ordered By: CLIENT CLIENT
WX0000000237 WX00000000000511
Printed D&T: 03/05/26 14:39

Kajal V. Sitwala, MD, PhD - Medical Director
Form: MM RL1
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