Patient Age/Gender: 50 years Female Printed: 15-Mar-19 07:38:42

<u>Procedure</u> Cobalt Blood	Result 3.2	Units ug/L	Ref Interval [<=3.9]	Accession 19-074-900006 07:36:00 07:36:00 07:37:20 Reported/ Verified 15-Mar-19 15-Mar-19

15-Mar-19 07:36:00 Cobalt Blood: INTERPRETIVE INFORMATION: Cobalt, Blood

Elevated results may be due to skin or collection-related contamination, including the use of a noncertified metal-free collection/transport tube. If contamination concerns exist due to elevated levels of blood cobalt, confirmation with a second specimen collected in a certified metal-free tube is recommended.

Blood cobalt levels can be used in the assessment of occupational exposure or toxic ingestion. Symptoms associated with cobalt toxicity vary based on route of exposure and may include cardiomyopathy, allergic dermatitis, pulmonary fibrosis, cough and dyspnea. Blood is the preferred specimen type for evaluating metal ion release from metal-on-metal joint arthroplasty.

See Compliance Statement B: www.aruplab.com/CS