

Client: Example Client ABC123 123 Test Drive Salt Lake City, UT 84108 UNITED STATES

Physician: Doctor, Example

Patient: Patient, Example

DOB	12/5/1962
Gender:	Male
Patient Identifiers:	01234567890ABCD, 012345
Visit Number (FIN):	01234567890ABCD
Collection Date:	00/00/0000 00:00

Lead, Industrial Exposure Panel, Adults

ARUP test code 0025016

Lead, Industrial, Whole Blood		Adu d by Inducti	(Ref Interval: <=4.9) d, Industrial Exposure Panel, llts vely Coupled Plasma-Mass	
	contamination, in collection/transp to elevated level	ncluding the port tube. If s of blood l	to skin or collection-related use of a noncertified lead-free contamination concerns exist due ead, confirmation with a second fied lead-free tube is recommended.	
	CDC's "Childhood Based on Blood Le Epidemiology and (BLLs) for Adults retesting, medica regulatory body. in 1983 are shown	Lead Poisoni ad Level" an Surveillance in the U.S. l evaluation Actions desc below. Cont regulatory	pretive comments are based on the ng Prevention: Recommended Actions d the "Adult Blood Lead e: Reference Blood Lead Levels " Thresholds and time intervals for and response vary by state and cribed by OSHA in 1978 and finalized fact your State Department of Health agency for specific guidance on ttions.	
	Concentration	Comment		
	5-19.9 ug/dL	pregnant wo may become effects are exposure an	noval is recommended for omen or those who are trying or pregnant. Adverse health e possible. Reduced lead nd increased blood lead are recommended.	
	20-69.9 ug/d∟	Medical rem required by exceeds 50	Nth effects are indicated. Noval from lead exposure is OSHA if blood lead level ug/dL. Prompt medical is recommended.	
	Greater than 69.9 ug/dL	is recommen	Immediate medical evaluation Ided. Consider chelation therapy Ims of lead toxicity are	
	"Occupational Saf Part 1910.1025 Ap		th Standards: Lead (1983). 29 CFR	
	Action required for workers with Elevated Lead Values OSHA, Occupational Exposure to Lead, 1978			
	No. of Tests	Lead	Action Required	

H=High, L=Low, *=Abnormal, C=Critical

Unless otherwise indicated, testing performed at:



	1	Greater than or equal to 40.0 ug/dL	Notification of worker in writing; medical examination of worker and consultation.	
	3 (average)	Greater than or equal to 50.0 ug/dL	Removal of worker from job with potential lead exposure.	
	1	Greater than or equal to 60.0 ug/dL	Removal of worker from job with potential lead exposure.	
	2	Less than 40.0 ug/dL	Reinstatement of worker in job with potential lead exposure is based upon symptoms and medical evaluation.	
	OSHA requirements in effect since 1978 call for the measurement of whole blood lead and zinc protoporphyrins (ZPP) (NCCLS document C42-A, Nov. 1996) to evaluate the occupational exposure to lead. OSHA requires ZPP whole blood testing to be reported in units of ug/dL. For adults, conversion of ZPP units of ug/dL whole blood assumes a hematocrit of 45 percent. Conversion factor: umol/mol heme x 0.584= ug/dL.			
	determined by A approved by the	RUP Laboratories U.S. Food and E CLIA-certified 1	s performance characteristics 5. It has not been cleared or orug Administration. This test was aboratory and is intended for	
Zinc Protoporphyrin (ZPP) WholeBld Ratio	52 umol ZPP/ r		Ref Interval: 0-69)	
	INTERPRETIVE IN	FORMATION: Zinc Ratio	Protoporphyrin (ZPP) WholeBld	
	by Helena Labor	atories. The res	ProtoFluor Z system manufactured sult is not comparable to results methods or from the AVIV ZPP	
	determined by A approved by the	RUP Laboratories U.S. Food and E CLIA-certified]	performance characteristics 5. It has not been cleared or Drug Administration. This test was aboratory and is intended for	
Zinc Protoporphyrin, Blood	30 ug/dL	-	Ref Interval: 0-40)	
	INTERPRETIVE IN	FORMATION: Zinc	Protoporphyrin, Blood	
	concentration t conversion of Z This test was p by Helena Labor	o be reported ir PP to units of ι erformed on the atories. The res	ead, OSHA requires ZPP whole blood n units of ug/dL. For adults, ug/dL assumes a hematocrit of 45%. ProtoFluor Z system manufactured sult is not comparable to results methods or from the AVIV ZPP	
	determined by A approved by the	RUP Laboratories U.S. Food and E CLIA-certified]	performance characteristics It has not been cleared or orug Administration. This test was aboratory and is intended for	

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Unless otherwise indicated, testing performed at:



VERIFIED/REPORTED DATES							
Procedure	Accession	Collected	Received	Verified/Reported			
Lead, Industrial, Whole Blood	24-109-148282	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00			
Zinc Protoporphyrin (ZPP) WholeBld Ratio	24-109-148282	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00			
Zinc Protoporphyrin, Blood	24-109-148282	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00			

END OF CHART

H=High, L=Low, *=Abnormal, C=Critical

Unless otherwise indicated, testing performed at:

ARUP LABORATORIES | 800-522-2787 | aruplab.com 500 Chipeta Way, Sati Lake City, UT 84108-1221 Jonathan R. Genzen, MD, PhD, Laboratory Director Patient: Patient, Example ARUP Accession: 24-109-148282 Patient Identifiers: 01234567890ABCD, 012345 Visit Number (FIN): 01234567890ABCD Page 3 of 3 | Printed: 4/25/2024 3:50:14 PM 4848