MAYO CLINIC
Mayo Medical Laboratories

Test Definition: LEADO

Lead Profile Occupational Exposure, Blood

Reporting Title: Lead Profile Occ Exposure, B
Performing Location: New England

Specimen Requirements:

Container/Tube:
Preferred: Royal blue-top Monoject trace element blood collection tube product #8881-307022 (Supply T183), containing EDTA as an anticoagulant
Acceptable: Tan top (lead only) Becton-Dickinson tube (Supply T615) or a Becton-Dickinson MICROTAINER (Supply T174)
Specimen Volume: 2 mL
Collection Instructions: See Metals Analysis-Collection and Transport in Special Instructions for complete instructions.
Additional Information: Patient's date of birth is required.
Forms: Lead/Heavy Metals Reporting Form (Supply T491) in Special Instructions.

Specimen Type	Temperature	Time
Whole blood	Refrigerated	14 days

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
DEMO	STADD	Street Address	Plain Text	Yes
DEMO	CITY	City	Plain Text	Yes
DEMO	STATE	State	Plain Text	Yes
DEMO	ZIP	Zip	Plain Text	Yes
DEMO	CNTY	County	Plain Text	Yes
DEMO	GRDFN	Guardian first name	Plain Text	Yes
DEMO	GRDLN	Guardian last name	Plain Text	Yes
DEMO	HOMPH	Home Phone	Plain Text	Yes
DEMO	VENCP	Venous/Capillary	Plain Text	Yes
DEMO	DRACE	Race	Plain Text	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
PB_LB	Lead, B	Numeric	mcg/dL	5671-3
300110	Zinc Protoporphyrin, B	Numeric	mcg/dL	33007-6
STADD	Street Address	Alphanumeric		In Process
CITY	City	Alphanumeric		N/A
STATE	State	Alphanumeric		N/A
ZIP	Zip	Alphanumeric		45401-7
CNTY	County	Alphanumeric		N/A
GRDFN	Guardian first name	Alphanumeric		N/A
GRDLN	Guardian last name	Alphanumeric		N/A
HOMPH	Home Phone	Alphanumeric		42077-8
VENCP	Venous/Capillary	Alphanumeric		31208-2
DRACE	Race	Alphanumeric		32624-9

Components:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
XLEAD	Lead, B	1	83655	Yes	Yes (order LEADB)
ZPPB	Zinc Protoporphyrin, B	1	84202	Yes	Yes (order NEZPP)
DEMO	Patient Demographics			Yes	No

Reference Values:

LEAD
0-6 years: 0-4 mcg/dL
>or =7 years: 0-9 mcg/dL
Critical values
Pediatrics (< or =15 years): > or =20 mcg/dL
Adults (> or =16 years): > or =70 mcg/dL

ZINC PROTOPORPHYRIN
<100 mcg/dL