



Test Definition: HMNA

Heavy Metals, Nails

Reporting Title: Heavy Metals, Nails

Performing Location: Mayo Clinic Laboratories - Rochester Superior Drive

Necessary Information:

Indicate source of nails (fingernails or toenails) if known

Specimen Requirements:

Supplies: Hair and Nails Collection Kit (T565)

Source: Fingernails or toenails

Specimen Volume: 0.2 g

Collection Instructions:

1. Prepare and transport specimen per the instructions in the kit or see [Collecting Hair and Nails for Metals Testing](#).
2. Clippings should be taken from all 10 fingernails or toenails.

Specimen Type	Temperature	Time	Special Container
Nail	Ambient (preferred)		
	Refrigerated		
	Frozen		

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
ASNA	ASNSC	Specimen Source	Answer List	Yes
HGNA	HGNSC	Specimen Source	Answer List	Yes
PBNA	PBNSC	Specimen Source	Answer List	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
2535	Arsenic, Nails	Numeric	mcg/g	8157-0
ASNSC	Specimen Source	Alphanumeric		31208-2
2509	Mercury, Nails	Numeric	mcg/g	8204-0
HGNSC	Specimen Source	Alphanumeric		31208-2
2506	Lead, Nails	Numeric	mcg/g	8202-4
PBNSC	Specimen Source	Alphanumeric		31208-2

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

Components:

Test Id	Reporting Name	CPT Units	CPT Code	Always Performed	Available Separately
ASNA	Arsenic, Nails	1	82175	Yes	Yes
PBNA	Lead, Nails	1	83655	Yes	Yes
HGNA	Mercury, Nails	1	83825	Yes	Yes

CPT Code Information:

82175

83655

83825

Reference Values:

ARSENIC

0-15 years: Not established

> or =16 years: <1.0 mcg/g of nails

LEAD

<4.0 mcg/g of nails

Reference values apply to all ages.

MERCURY

0-15 years: Not established

> or =16 years: <1.0 mcg/g of nails