

Patient Name : Mr MR.DUMMY	Sample Collected : Apr 26, 2024, 01:00 PM
DOB/Age/Gender : 23 Y/Male	Report Date : May 09, 2024, 01:11 PM
Patient ID / UHID : 8052502/RCL7248909	Barcode No : ZC675605
Referred By : Dr. X	Report Status : Final Report
Sample Type : Spot Urine	

Test Description	Value(s)	Unit(s)	Reference Range
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Mercury, Spot Urine

Mercury (ICPMS)	12.4	µg/L	<20
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Interpretation:

REFERENCE GROUP	REFERENCE RANGE IN ug/L
Normal individuals	<20
Toxicity	>150
Lethal levels	>800

- Note**
- Inductively Coupled Plasma Mass Spectrometry (ICPMS) is used to determine the level of heavy / trace metals in biological tissues.
 - Urine is the recommended specimen for measuring inorganic mercury.
 - Dimercaprol and Penicillamine increase urinary mercury levels when used to treat poisoning while iodine containing medication reduces the level

Comments
 Mercury is essentially non-toxic in its elemental form, but once ionized it becomes highly toxic. It is used as a conductor in electrical switches, home thermostats, pulp and paper industry, synthesis of plastics and latex paints. It is also used in dentistry & scientific instruments. Dietary sources can also contribute to mercury body burden e.g fish. Acute poisoning usually results from oral ingestion of inorganic mercury while chronic poisoning is from inhalation or ingestion. Acute toxicity with elemental, inorganic or most organic forms of mercury can be diagnosed from urinary levels.

*** End Of Report ***

Disclaimer: Method given in report are only indicative and can be changed depending upon type of machine and kit available at time of testing.

Not all tests at all locations are under NABL scope. Availability of tests under NABL scope varies from lab to lab.



Dr. Dummy



Booking Centre :- DEMO PARTNER CHENNAI, DEMO PARTNER CHENNAI
 Processing Lab :-

📞 928-909-0609

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All Lab results are subject to clinical interpretation by qualified medical professional and this report is not subject to use for any medico-legal purpose.

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