

Patient Name : Mr MR.DUMMY	Sample Collected : Apr 26, 2024, 01:00 PM
DOB/Age/Gender : 23 Y/Male	Report Date : May 09, 2024, 01:06 PM
Patient ID / UHID : 8052604/RCL7248858	Barcode No : ZC668686
Referred By : Dr. X	Report Status : Final Report
Sample Type : Spot Urine	

Test Description	Value(s)	Unit(s)	Reference Range
------------------	----------	---------	-----------------

**Zinc, Spot Urine**

Zinc Urine by ICPMS ICPMS	324.0	µg/L	150 - 1200
------------------------------	-------	------	------------

**Interpretation:**

- 1.Zinc is second to iron as the most abundant trace element in the body.Most zinc is in the skeletal muscle (60%) and bone (30%).It is involved in almost all aspects of metabolism.
- 2.Dietary sources of zinc are oysters, shell fish & meat.
- 3.Zinc is required for wound healing, immune function and fetal development.
- 4.Human zinc deficiency is often associated with diets low in animal derived protein but high in cereals that bind zinc.Nutritional zinc deficiency is fairly prevalent despite wide availability of zinc in foods.Long term zinc supplementation may induce copper deficiency.Zinc toxicity is rare in humans.
- 5.Inhalation of zinc oxide fumes is the most common cause of metal fume fever.

**Decreased Levels :** Hypogonadal dwarfism & Zinc deficiency  
**Increased levels :** Hyperparathyroidism, Alcoholism, Sickle cell anemia, Cirrhosis liver, Viral hepatitis, Post surgery & Total parenteral nutrition

\*\*\* 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

✉ [ccsupport@redcliffelabs.com](mailto:ccsupport@redcliffelabs.com)

🌐 [www.redcliffelabs.com](http://www.redcliffelabs.com)

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.

# Terms and Conditions of Reporting

1. The presented findings in the Reports are intended solely for informational and interpretational purposes by the referring physician or other qualified medical professionals possessing a comprehensive understanding of reporting units, reference ranges, and technological limitations. The laboratory shall not be held liable for any interpretation or misinterpretation of the results, nor for any consequential or incidental damages arising from such interpretation.
2. It is to be presumed that the tests performed pertain to the specimen/sample attributed to the Customer's name or identification. It is presumed that the verification particulars have been cleared out by the customer or his/her representation at the point of generation of said specimen / sample. It is hereby clarified that the reports furnished are restricted solely to the given specimen only.
3. It is to be noted that variations in results may occur between different laboratories and over time, even for the same parameter for the same Customer. The assays are performed and conducted in accordance with standard procedures, and the reported outcomes are contingent on the specific individual assay methods and equipment(s) used, as well as the quality of the received specimen.
4. This report shall not be deemed valid or admissible for any medico-legal purposes.
5. The Customers assume full responsibility for apprising the Company of any factors that may impact the test finding. These factors, among others, includes dietary intake, alcohol, or medication / drug(s) consumption, or fasting. This list of factors is only representative and not exhaustive.

---

## DISCLAIMER

This is a sample report provided for demonstration purposes only and does not represent an actual patient report. Test results, reference ranges, methodologies, instrumentation, and report formats may vary depending on the laboratory performing the test. The format and representation shown are indicative of reports generated by the National Reference Laboratory of Redcliffe Labs, Noida. This sample report should not be used for medical interpretation, diagnosis, or treatment decisions.