

Patient Name : Mr MR.DUMMY	Sample Collected : Apr 26, 2024, 01:00 PM
DOB/Age/Gender : 23 Y/Male	Report Date : May 03, 2024, 05:07 PM
Patient ID / UHID : 8051895/RCL7248434	Barcode No : ZC616179
Referred By : Dr. X	Report Status : Final Report
Sample Type : Blood	

Test Description	Value(s)	Unit(s)	Reference Range
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**Zinc, Serum**

Zinc Br-PAPS	65.0	µg/dL	46 - 150
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**Interpretation:**

Zinc Interpretation	Associated conditions
Zinc is vital trace element required for normal healing of wounds and normal immune function. Zinc levels lowered with systemic infections & inflammatory disorders, oral contraceptives, and pregnancy.	Zinc deficiency - Symptoms include depressed growth, teratogenesis, poor carbohydrate metabolism, altered Cognition, poor immune function, alopecia, impotence, eye and skin lesions, and diarrhoea.
Zinc exposure can occur from Occupational exposure related to mining and metallurgic industries. Use of commercial products containing zinc (e.g. Zinc containing shampoos, Multivitamins)	Zinc excess is not of major clinical concern, however elevated zinc concentrations may interfere with copper absorption.

1. Whole Blood / Serum metal testing is used for the detection of recent exposure or poisoning with the toxic element. However, blood metal levels in healthy subjects can vary considerably with exposure to the particular metal present in the diet and in the environment.  
 2. It should be noted that low or within acceptable levels in blood / Serum do not always exclude that the element is uninvolved in contributing to the patient's symptoms because certain elements may be sequestered in tissues.  
 3. Lower metal levels in patients on follow-up imply that the toxic element exposure is reduced in the patient's immediate environment or that the body has efficiently eliminated the toxic element. **Reference –**  
 1. Sample collection guidelines for trace elements in blood and urine. International union of pure and applied chemistry clinical chemistry division commission on toxicology working party. Pure & Appl. Chem., Vol. 67, Nos 8/9, pp. 1575-1608, 1995.  
 2. Nutrient & toxic elements interpretative guide, metamatrix, USA, 2011.

\*\*\* 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)

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