

Patient Name : Mr MR.DUMMY	Sample Collected : Apr 26, 2024, 01:00 PM
DOB/Age/Gender : 23 Y/Male	Report Date : May 09, 2024, 01:12 PM
Patient ID / UHID : 8052470/RCL7249005	Barcode No : ZC667879
Referred By : Dr. X	Report Status : Final Report
Sample Type : Serum	

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

Lambda Free Light Chain, Serum

Free Lambda Light Chain (Serum, Turbidimetry)	6.78	mg/L	5.71 - 26.3
--	------	------	-------------

Interpretation:
Interpretation:
 1. Increased production of monoclonal immunoglobulins or free monoclonal light chains leads to a change in the k/lambda light chain quotient. A k/lambda quotient outside the reference interval is thus an indication of the existence of a monoclonal gammopathy.
 2. Serum light chains are also dependent upon several factors like the type of clonality, presence of associated renal failure or polyclonal hypergammaglobulinaemia and the degree of bone marrow impairment from the growing tumour or from drug therapy. These factors should be considered during interpretation .
 3. Following are the recommendations as per the International Myeloma Working Group (IMWG)-: guidelines for serum free light chain analysis & interpretation in multiple myeloma and related disorders-

* Use of free light chain ratio (rFLC) in combination of serum protein electrophoresis & immunofixation for diagnosis
 * Use of involved free light chain (iFLC) quantitation or the difference between the involved & uninvolved serum light chains (dFLC) for serial measurements during monitoring & to define complete response. During monitoring the ratio (rFLC) can be unreliable due to associated fluctuations in the concentration of uninvolved light chains and renal failure.

Reference: Hutchison et al, BMC Nephrology 2008

*** 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

🌐 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.