

**Patient Name** : Mr Dummy  
**DOB/Age/Gender** : 23 Y/Male **Bill Date** : Feb 19, 2024, 01:45 PM.  
**Patient ID / UHID** : XXX **Sample Collected** : Feb 19, 2024, 03:34 PM.  
**Referred By** : Dr. **Sample Received** : Feb 19, 2024, 10:26 PM.  
**Sample Type** : Whole blood EDTA **Report Date** : Feb 21, 2024, 04:51 PM.  
**Barcode No** : XXX **Report Status** : Final Report

**MOLECULAR DIAGNOSTICS REPORT**  
**HLA B27 By RT PCR**

<b>Test Principle</b>	Real Time Polymerase Chain Reaction
<b>Equipment</b>	Rotor-Gene Q / Bio-Rad CFX-96
<b>Result</b>	Not Detected

**RESULT INTERPRETATION :**

Observations	Result	Comments
Amplification in both Internal Control(IC) and HLAB-27 specific Gene	Target Detected	HLAB-27 Gene Detected
Amplification in Internal Control (IC) only	Target Not Detected	HLAB-27 Gene Not Detected
No amplification in Internal Control (IC)	Inconclusive	Testing of a new specimen is recommended.

**LIMITATION OF ASSAY :**

1. PCR is a highly sensitive technique; common reasons for paradoxical results are contamination during specimen collection, selection of inappropriate specimen and inherent PCR inhibitors in the sample.
2. Laboratory tests are merely a tool to assist in the diagnosing process and should be clinically correlated by the Referring Physician.


**CLINICAL BACKGROUND :**


1. HLA-B27 is a major histocompatibility complex (MHC) class I molecule. MHC class I molecules are cell-surface glycoproteins that are expressed on most nucleated human cells and platelets.
2. The human leucocyte antigen (HLA) B-27 is strongly associated with the spondyloarthropathies (SpA's).
3. HLA-B- 27 is found in 90-95% of ankylosing spondylitis (AS) patients and also lesser frequency in forms of psoriatic arthritis and reactive arthritis.

**NOTE :**

1. All test outcomes are subject to the nature of the sample received by the Laboratory.
2. Within 7 days after reporting, sample repetitions are acceptable at the request of the Referring Physician.

Disclaimer: This is a sample report. The method and reference range in the actual report might vary as per lab accreditation or certification and equipments where sample is processed.

  
 Dr. Amit Singh  
 MD Microbiology  
 Consultant Microbiologist

  
 Hemraj Singh  
 M.SC. (Biotechnology)  
 Section Head, Mol. & Infectious

  
 Prof. Ashok Rattan  
 MD (Microbiology), MAMS.



Booking Centre :- Home Collection - South Delhi  
 Processing Lab :- Redcliffe Lifetech Pvt. Ltd., H-55, Sector-63, Noida, Uttar Pradesh - 201301

898-898-0606

care@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.

Dummy Report