

Patient Name : Ms Dummy
DOB/Age/Gender : 53 Y/Female Bill Date : Feb 13, 2024, 09:57 AM
Patient ID / UHID : XXX Sample Collected : Feb 13, 2024, 12:02 PM
Referred By : Dr. Sample Received : Feb 13, 2024, 03:59 PM
Sample Type : Whole blood EDTA Report Date : Feb 14, 2024, 05:55 PM
Barcode No : XXX Report Status : Final Report

Test Description	Value(s)	Unit(s)	Reference Range
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SPECIAL ASSAY REPORT
HLA B27 By Flowcytometry

HLA B27 Detection Negative

Interpretation:

Result	Remark
Negative	No expression of HLA-B27
Equivocal	Grey zone (within 10 channels of cutoff)
Positive	Expression of HLA-B27 detected

Sample Type: Whole Blood

Method: Flowcytometry

Instrument Name / Software- BD FACS Lyric / BD FACS Suite

Comments:

- HLA B27 is class I molecule of MHC. These are expressed on the cell surface of nucleated cells, including lymphocytes. Presence of HLA-B27 is associated with Ankylosing Spondylitis and other rheumatoid disease. Approximately 8% of the normal population carries the HLA B27 antigen.
- HLA B27 is present in approximately 89 % of patients with Ankylosing Spondylitis, 79% of Reiter's syndrome and 42 % of juvenile rheumatoid arthritis.
- Result may be correlated with clinical findings.

Clinical References:

- Brewerton DA, Hart FD, Nicholls A, et al: Ankylosing Spondylitis and HLA B27. Lancet 1973; 1:904-907
- Albert J, Muller HA: HLA B27 typing by use of flow cytofluorometry. Clin Chem 1987; 33:1619-1623.
- Package insert: HLA B27 test kit, Becton Dickinson (BD).

Note: All investigations have their limitations which are influenced by the limits of sensitivity and specificity of individual assay procedures. The quality of the specimen received by the lab also has an effect on test results. Isolated laboratory investigations never confirm the final diagnosis of the disease. They only help in arriving at a diagnosis in conjunction with clinical presentation and other related investigations. Please correlate clinically and with results of other investigations performed.

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.

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Booking Centre :- HOME COLLECTION - NOIDA - F10166

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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.