

Patient Name	: MR.GULAM MOHAMED.A.K	Collected : 26/Jul/2026 12:50PM
Age / Gender	: 74 Y / M	Received : 27/Jul/2026 10:23AM
Visit ID	: 260944137	Reported : 28/Jul/2026 06:25PM
SID No	: 41260944137	
Client Name	: DEEN MUHAMED ISMAIL N	
Ref. Doctor	: Dr. DEEN MUHAMED ISMAIL N MS.ORTHO., D.ORTHO.	



HLA-B27

Sample

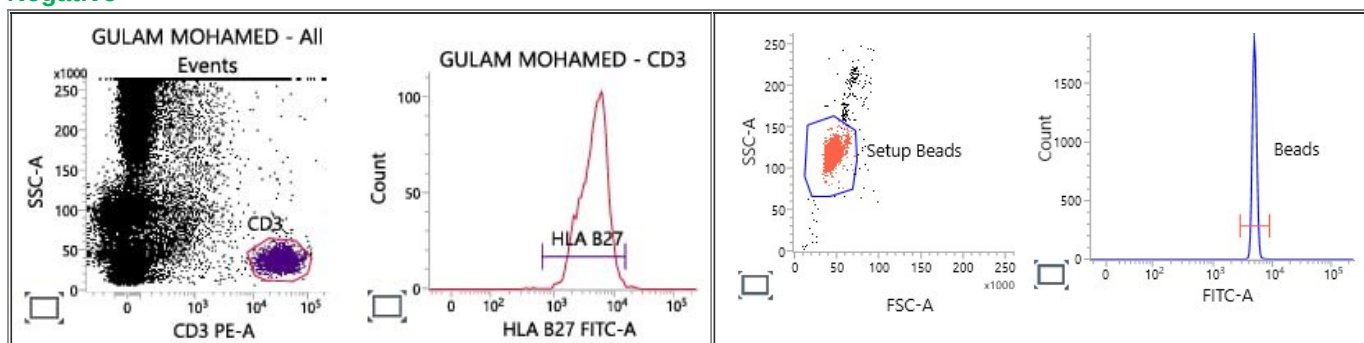
Peripheral blood - EDTA tube

Method

Instrument/Software: BD FACS Lyric/ FACSuite (Version 1.5).
 Cell Preparation Method: Stain-Lyse-Wash
 Gating Strategy: FSC-A vs SSC-A, SSC-A vs CD3.

Result

Negative



Gated Events	3000
Preset HLA-B27 Marker	5855
Sample HLA-B27 Marker	5198
Conclusion	Negative

Clinical background

- The presence of HLA-B27 antigen is strongly associated with ankylosing spondylitis (AS), a chronic inflammatory disease of the axial musculoskeletal system and a few other rheumatic disorders Reiter's syndrome, acute anterior uveitis, and inflammatory bowel disease.
- The HLA-B27 positive rate was 56.2% among uveitis patients in Asian Indian population.
- HLA-B27 testing is routinely used to screen for AS since 90% of patients with AS have the HLA B27 surface antigen compared to only 8% of healthy individuals.

** Continue **



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Limitations

- The HLA B27 is detected as an intensity of FITC antibody on flow cytometry which may have certain cross reactivity with HLA B7 antigen, giving rise to false positivity in some cases.
- Rare diagnostic errors can occur due to probe-site variants.

References

1. Colleen M Higgins, et al: Ankylosing spondylitis and HLA-B27: restriction fragment length polymorphism and sequencing of an HLA-B27 allele from a patient with ankylosing spondylitis. Annals of the Rheumatic Diseases 1992; 51: 855-862
2. Wilfried H. B. M. Levering, et al, Flow Cytometric HLA-B27 Screening: Cross-Reactivity Patterns of Commercially Available Anti-HLA-B27 Monoclonal Antibodies With Other HLA-B Antigens. Cytometry Part B (Clinical Cytometry) 54B:28-38 (2003)



** Continue **

Patient Name	: MR.GULAM MOHAMED.A.K	Collected :	26/Jul/2026 12:50PM
Age / Gender	: 74 Y / M	Received :	26/Jul/2026 04:57PM
Visit ID	: 260944137	Reported :	26/Jul/2026 06:34PM
SID No	: 84260944137		
Client Name	: DEEN MUHAMED ISMAIL N		
Ref. Doctor	: Dr. DEEN MUHAMED ISMAIL N MS.ORTHO., D.ORTHO.		



BIOCHEMISTRY ROUTINE

Parameter	Result	Unit	Ref. Intervals	
*Uric Acid (Method: Uricase) Sample Type : SERUM	4.6	mg/dL	3.5-7.2	
*Rheumatoid Factor (Method : Immunoturbidimetry) Sample Type : SERUM	6.58	IU/ml	Negative: < 14 Positive: > 14	
*ASO Titre Quantification (Method: Immunoturbidimetric) Sample Type : SERUM	18.80	IU/mL	< 200	



** Continue **



Dr. Santhosh Kumar B,
 M.Phil., Ph.D. (Biochemistry),
 Biochemist

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Age / Gender	: 74 Y / M	Received : 26/Jul/2026 04:57PM
Visit ID	: 260944137	Reported : 26/Jul/2026 05:46PM
SID No	: 84260944137	
Client Name	: DEEN MUHAMED ISMAIL N	
Ref. Doctor	: Dr. DEEN MUHAMED ISMAIL N MS.ORTHO., D.ORTHO.	

IMMUNOASSAY

Parameter	Result	Unit	Ref. Intervals	
*TSH (Method: ECLIA) Sample Type : SERUM	4.58	μIU/mL	0.27-5.35	
*Vitamin B12 (Method: ECLIA) Sample Type : SERUM	607	pg/mL	Normal : 211 - 911 Deficiency : < 160	

*** End Of Report ***

Disclaimer :

- 1) Test results released pertain to the specimen submitted.
 - 2) All test results are dependent on the quality of the sample received by the Laboratory.
 - 3) Laboratory investigations are only a tool to facilitate in arriving at a diagnosis and should be clinically correlated by the Referring Physician.
 - 4) Report delivery may be delayed due to unforeseen circumstances. Inconvenience is regretted.
 - 5) Certain tests may require further testing at additional cost for derivation of exact value. Kindly submit request within 72 hours post reporting.
 - 6) Test results may show interlaboratory variations.
 - 7) Test results are not valid for medico legal purposes.
 - 8) This is a computer generated medical diagnostic report that has been validated by Authorized Medical Practitioner/Doctor.
 - 9) The report does not need physical signature.
 - (#) Sample drawn from outside source.
- If Test results are alarming or unexpected, client is advised to contact the Customer Care immediately for possible remedial action.

