

**Client****Jagat Hospital (Faizabad)**

Shivnagar colony, Raibariely Road,  
Near Naka Chungi Chauraha, Faizabad- 224001

**Processed By****Pathkind Diagnostic Pvt. Ltd.**

Plot No. 55-56, Udhhyog Vihar Ph-IV, Gurugram - 122015

<b>Name</b> : Mr. Dummy	Billing Date	:	01/01/2020 14:37:57
Age : 23 Yrs	Sample Collected on	:	01/01/2020 14:41:08
Sex : Male	Sample Received on	:	03/01/2020 12:44:44
P. ID No. : P1301232188	Report Released on	:	03/01/2020 16:57:10
<b>Accession No</b> : 13011920005967	Barcode No.	:	6422627
Referring Doctor : DR.S.M.DWIVEDI. MS ORTHO.			
Referred By :			

**Report Status - Final**

Test Name	Result	Biological Ref. Interval	Unit
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**HAEMATOLOGY****# \* HLA B27, Flowcytometry**

Positive

Negative

Sample: EDTA Blood  
Method: Flowcytometry

**HLA B27, Flowcytometry**Clinical Significance

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. 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). 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. The Anti-HLA-B27 antibody has been shown to cross-react, most commonly with HLA-B7. The Log mean fluorescence (LMF) for some cross-reacting samples can fall on the positive side of the decision marker, thus resulting in false-positive results. Results falling in dual positive or weak positive are reported as indeterminate and needs to be confirmed by an alternate method.

\* Marked tests are processed in our companion laboratories

\*\* End of Report\*\*

*Maneesh Bagai*  
**Dr. Maneesh Bagai**  
MD (Pathology)  
Head - Reference Lab

