

Patient Name : Mr.BHANU PRATAP SINGH
Age/Gender : 43 Y/M
Lab No : 10136824
Referred By : Dr.KRISHNA KUMAR MITRA (CGHS)
Refer Lab/Hosp : CGHS (DEBIT)
Doctor Advice : HLA-B27

Visit No : CHA250039529
Registration ON : 05/Mar/2025 10:20AM
Sample Collected ON : 05/Mar/2025 10:22AM
Sample Received ON : 05/Mar/2025 02:51PM
Report Generated ON : 05/Mar/2025 05:08PM



HLA-B27 (Real time PCR test)

REAL TIME PCR TEST FOR HLA-B27

Human leukocyte antigen B27 (HLA-B27) -- DETECTED

Specimen:- EDTA whole Blood

Interpretation

RESULT	COMMENTS
HLA-B27 Detected	Amplification of HLA-B27 target gene
HLA-B27 Not Detected	No amplification of HLA-B27 target gene

IPC* - Internal positive control

Target selection:

The gene target sequence for this assay is exon 2 of HLA-B and human RNase P.

Test Principle:

This analysis is done on True lab real time PCR by using the higher sensitive and specific TAQMAN assay method. Amplified products are indicated by threshold cycle (Ct) in amplification curve. The cycle threshold (Ct) is defined as the number of amplification cycles required for the fluorescent signal to cross the threshold (i.e. exceed the background signal). Ct levels are inversely proportional to the amount of target nucleic acid in the sample. (i.e. lower the ct level the greater is the amount of target nucleic acid in the sample). The result will be classified based on the delta Ct from the internal control using the software algorithm.

Pathogen Information:

Human leukocyte antigen B 27 (HLA-B27) is a protein located on the surface of the white blood cells. An HLA-B27 test is a blood test that identifies HLA-B27 proteins. Human leukocyte antigens (HLAs) are proteins commonly found on white blood cells. These antigens help immune system identify the differences between healthy body tissue and foreign substances that may cause infection. Although most HLAs protect the body from harm, HLA-B27 is a specific type of protein that contributes to immune system dysfunction. The presence of HLA-B27 on your white blood cells can cause your immune system to attack those otherwise healthy cells. When this occurs, it can result in an auto-immune or immune-mediated disease, such as juvenile rheumatoid arthritis or ankylosing spondylitis.

Method: Real Time PCR.

Note: A specimen for which the Truenat® assay reports "Not Detected" cannot be concluded to be negative for the concerned pathogen. As with any diagnostic test, results from the Truenat® assay should be interpreted in the context of other clinical and laboratory findings.

*** End Of Report ***

[Checked By]

Print.Date/Time: 05-03-2025 17:40:13

*Patient Identity Has Not Been Verified. Not For Medicolegal



Ahmad

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