

Patient Name: HARPREET KOHLI	Referred by: DR. SURBHI RASTOGI
Date of Birth/Age: 47 YEARS	Hospital Name: INDIAN SPINAL INJURIES CENTRE, NEW DELHI
Gender: FEMALE	Date & Time of Collection: 01-MAR-2022, 11:20hrs
Lab No: 022203010009	Date & Time of Registration: 01-MAR-2022, 08:46hrs
Specimen Type: EDTA Blood	Date of Reporting: 03-MAR-2022
Clinical Summary: Case of sacroiliitis, neck-spasm	
Test Details	
Test Requested: HLA-B27, QUALITATIVE (Real Time PCR)	
Gene (s) Tested	Disorders and Associations
HLA-B27	Ankylosing spondylitis, Juvenile rheumatoid arthritis, Reactive arthritis

Result: The DNA isolated from blood sample was found to be **NEGATIVE** for HLA-B27 using qualitative Real Time-PCR technique.


Comments:

The HLA Alleles are associated with certain inflammatory and non-inflammatory diseases, such as Ankylosing spondylitis and post-infectious arthropathies known to be associated with the presence of HLA -B27. Individuals harbouring HLA-B27 have a high risk of about 90-fold to develop the disease as compared to the individuals not carrying this allele. The immune response by T-cells seems to be the underlying mechanism in the associated disease(s).


Interpretation: A positive result can help provide diagnosis of arthritis called spondylarthritis. This kind of arthritis includes the following disorders

- Ankylosing spondylitis
- Arthritis related to Crohn disease or ulcerative colitis
- Psoriatic arthritis (arthritis associated with psoriasis)
- Reactive arthritis
- Sacroiliitis (inflammation of the sacroiliac joint)
- Uveitis

Disclaimer: These results and their interpretations are based on current knowledge and might change in the future. Please contact the laboratory if any additional information or clarifications are needed. This report is not valid for medico-legal purposes.



Dr. Shelly Mahajan, MBBS, DCP
DMC Reg No. - 64171
Clinical Lead, Genomics



Dr. Shet Masih, PhD
Technical Lead, Genomics

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