



LABORATORY REPORT

Example Client, XYZ123
1234 Warde Road
Ann Arbor MI 48108

EXAMPLE, REPORT W
WX0000003827 M 07/08/1978 45 Y

Referral Testing

Collected: 09/26/2023 11:07 Received: 09/26/2023 11:07

Table with 6 columns: Test Name, Result, Flag, Ref-Ranges, Units, Site. Row 1: HLA B-27, See below, WMAR

Table with 4 columns: Test, Result, Flag, Ref Range. Row 1: Ankylosing Spondylitis (HLA-B27) Genotyping, Whole Blood, Positive AB

Indication for testing: Assess genetic risk for ankylosing spondylitis.

The sample is positive for HLA-B27.

This result has been reviewed and approved by Abdulrahman Saadalla, M.B., B.Ch.

BACKGROUND INFORMATION: Ankylosing Spondylitis (HLA-B27) Genotyping

CHARACTERISTICS: Ankylosing spondylitis (AS) is a chronic inflammatory disease that primarily causes pain and inflammation of the joints between the vertebrae of the spine and the sacroiliac joints.

INCIDENCE: Greater than 90 percent of patients with AS are HLA-B27 positive compared to 5-10 percent of the general population.

PENETRANCE: Two to eight percent of individuals with HLA-B27 will develop AS.

METHODOLOGY: Polymerase chain reaction (PCR) and fluorescence monitoring.

ANALYTICAL SENSITIVITY and SPECIFICITY: 99 percent

LIMITATIONS: This test does not rule out the B*27:06 and 27:09 alleles, which are not associated with spondyloarthropathies.

This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the US Food and Drug Administration.

LAB: L - LOW, H - HIGH, AB - ABNORMAL, C - CRITICAL, . - NOT TESTED



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<u>Test Name</u>	<u>Result</u>	<u>Flag</u>	<u>Ref-Ranges</u>	<u>Units</u>	<u>Site</u>
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Counseling and informed consent are recommended for genetic testing. Consent forms are available online.

Performed by ARUP Laboratories
500 Chipeta Way, Salt Lake City, UT 84108
Jonathan R. Genzen, MD, PhD, Laboratory Director

Performing Site:

WMAR: ARUP LABORATORIES 500 Chipeta Way Salt Lake City UT 841081221

Reported Date: 2023.09.26 11:10

LAB: L - LOW, H - HIGH, AB - ABNORMAL, C - CRITICAL, . - NOT TESTED

F326000043
WX0000003827

Ordered By: KAJAL SITWALA, MD, PhD
WX00000000002365

Printed D&T: 09/26/23 11:10

Kajal V. Sitwala, MD, PhD - Medical Director

Form: MM RL1

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