

Client: Example Client ABC123
123 Test Drive
Salt Lake City, UT 84108
UNITED STATES

Physician: Doctor, Example

Patient: Patient, Example

DOB: ██████████
Gender: Male
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 00/00/0000 00:00

Ankylosing Spondylitis (HLA-B27) Genotyping

ARUP test code 0050392

Ankylosing Spondylitis (HLAB27) Specimen whole Blood

Ankylosing Spondylitis (HLAB27)

Positive *

Section 79-1 of New York State Civil Rights Law requires informed consent be obtained from patients (or their legal guardians) prior to pursuing genetic testing. These forms must be kept on file by the ordering physician. Consent forms for genetic testing are available at www.aruplab.com. Incidental findings are not reported unless clinically significant but are available upon request.

Indication for testing: Assess genetic risk for ankylosing spondylitis.

The sample is positive for HLA-B27.

This result has been reviewed and approved by ██████████
██████████ M.D., Ph.D.

H=High, L=Low, *=Abnormal, C=Critical

Unless otherwise indicated, testing performed at:

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. Inflammation and pain may occur in other parts of the body as well. HLA-B27 is strongly associated with ankylosing spondylitis (AS) as well as with Reiter syndrome, anterior uveitis, psoriatic arthritis, and inflammatory bowel disease.

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 fluorescent hybridization probes.

ANALYTICAL SENSITIVITY and SPECIFICITY: 99 percent
LIMITATIONS: Rare alleles present in less than 1 percent of most populations will not be detected. Diagnostic errors can occur due to rare sequence variations.

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. This test was performed in a CLIA certified laboratory and is intended for clinical purposes.

Counseling and informed consent are recommended for genetic testing. Consent forms are available online.

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Ankylosing Spondylitis (HLAB27) Specimen	21-172-111878	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Ankylosing Spondylitis (HLAB27)	21-172-111878	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00

END OF CHART

H=High, L=Low, *=Abnormal, C=Critical

Unless otherwise indicated, testing performed at: