



## Amyloid Protein ID, Par, LC MS/MS

# AMPIP

|                                                                                                                      |                               |                               |               |                                   |                                   |
|----------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------------------|---------------|-----------------------------------|-----------------------------------|
| PATIENT NAME<br><b>SOFTVALIDATION, AMPIP TESTING</b>                                                                 |                               |                               |               | CASE NUMBER<br><b>CR-24-717</b>   | ORDER NUMBER<br><b>O430000193</b> |
| PATIENT ID<br>SA00169564                                                                                             | DATE OF BIRTH<br>03/15/1988   | AGE AT COLLECTION<br>36 Y     | SEX<br>Female | REQUESTED BY<br>CLIENT CLIENT     |                                   |
| COLLECTED<br>07/28/2024, 00:00                                                                                       | RECEIVED<br>07/30/2024, 11:25 | REPORTED<br>07/30/2024, 11:36 |               |                                   |                                   |
| The collected, received, and reported dates and times on the report are in the time zone of the performing location. |                               |                               |               | CLIENT ORDER NUMBER<br>SA00169564 |                                   |
|                                                                                                                      |                               |                               |               | CLIENT MRN<br>SA00169564          |                                   |

### INTERPRETATION

Heart, specimen for amyloid typing (SP-24-456-A1; 07/28/2024): Involved by amyloidosis, AL (kappa)-type.

A Congo red stain was performed on paraffin sections of the specimen. Congo red-positive amyloid deposits are present.

Liquid chromatography tandem mass spectrometry (LC MS/MS) was performed on peptides extracted from Congo red-positive, microdissected areas of the paraffin-embedded specimen.

LC MS/MS detected a peptide profile consistent with AL (kappa)-type amyloid deposition.

These findings support the diagnosis of amyloidosis and indicate AL (kappa)-type amyloid deposition.

If there are any questions about the analysis or the diagnosis in this case, please call the Department of Laboratory Medicine and Pathology, Mayo Clinic Laboratories at 1-800-533-1710.

### REPORT ELECTRONICALLY SIGNED BY

KELLI STROUP

### MATERIAL RECEIVED

A. SP-24-456: Heart  
1 block

### DISCLAIMER

This test was developed and its performance characteristics determined by Mayo Clinic in a manner consistent with CLIA requirements. This test has not been cleared or approved by the U.S. Food and Drug Administration.

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PATIENT NAME SOFTVALIDATION, AMPIP TESTING

CR-24-717

