

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: 12/31/2006
Gender: Female
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 01/01/2017 12:34

Multiple Myeloma Minimum Residual Disease by Flow Cytometry

ARUP test code 3002069

Interpretation

See Note

SAMPLE: Bone Marrow Aspirate

INTERPRETATION:

POSITIVE for plasma cell neoplasm by flow cytometry comprising 0.2% of viable leukocytes (see comment)

Comment:

Note that flow cytometry typically underestimates the plasma cell fraction and correlation with morphology and immunohistochemistry of the core biopsy is recommended to determine the true disease burden. The lower limit of detection for this assay is estimated to be 0.001%.

Analysis:

Number of events collected: 4790321
Plasma cells percentage of viable cells: 0.199%
Atypical Plasma cells: (90% of total PCs)
Overall plasma cell kappa:lambda ratio: 26.2

Abnormal Plasma Cell Phenotype:

Light Chain: Kappa
CD19: Retained
CD56: High
CD27: Decreased
CD81: Decreased
CD117: High
CD45: Decreased
CD38: Normal

Antigens examined: CD19, CD27, CD38, CD45, CD56, CD81, CD117, CD138, Cytoplasmic Kappa light chain, and Cytoplasmic Lambda light chain

Number of markers assessed: 10

This result has been reviewed and approved by Anton Rets, MD.
01/02/2020 08:39

INTERPRETIVE INFORMATION: Multiple Myeloma MRD
by Flow Cytometry

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement A: aruplab.com/CS

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

Unless otherwise indicated, testing performed at:

VERIFIED/REPORTED DATES

| Procedure | Accession | Collected | Received | Verified/Reported |
|----------------|---------------|---------------------|---------------------|---------------------|
| Interpretation | 20-002-101926 | 1/2/2020 8:30:00 AM | 1/2/2020 8:30:30 AM | 1/2/2020 8:40:00 AM |

END OF CHART

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

Unless otherwise indicated, testing performed at:

ARUP LABORATORIES | 800-522-2787 | aruplab.com
500 Chipeta Way, Salt Lake City, UT 84108-1221
Tracy I. George, MD, Laboratory Director

Patient: Patient, Example
ARUP Accession: 20-002-101926
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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