Example Report

ARUP Laboratories

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Patient Age/Gender: 119 years Male Printed: 18-Dec-19 09:39:48

 Procedure
 Result
 Units
 Ref Interval
 Accession
 Collected Received
 Received Verified

 Interpretation
 See Note f
 5ee Note f
 19-345-900046
 11-Dec-19 11-Dec-19 11-Dec-19 11-Dec-19 11-Dec-19 10:35:00 10:36:00 10:44:12

11-Dec-19 10:35:00 Interpretation:

Bone Marrow, Aspirate:

POSITIVE for persistent/recurrent plasma cell neoplasm by flow cytometry comprising 0.13% of viable leukocytes (see comment)

Comment

An abnormal plasma cell population is identified with a phenotype similar to that previously seen (19-xxx-xxxxxx). 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 50/(5000000)

Analysis:

Number of events collected:4595369

Plasma cells percentage of viable cells: 0.130%

Atypical Plasma cells: (70% of total PCs)

Overall plasma cell kappa:lambda ratio: 6.3

Abnormal Plasma Cell Phenotype: Light Chain: Kappa Lambda

CD19: Absent
CD56: High
CD27: Decreased
CD81: Increased

CD117: High

CD45: Decreased CD38: Decreased

Antigens examined: CD19, CD 27, CD38, CD45, CD56, CD81, CD117, CD138, Cytoplasmic Kappa light chain, and Cytoplasmic Lambda light chain

Markers:10

This assay is designed for a lower limit of detection of 0.001% plasma cells per total leukocytes.

These results have been reviewed and approved by David Ng, MD.

11-Dec-19 10:35:00 Interpretation:

INTERPRETIVE INFORMATION: Multiple Myeloma MRD

by Flow Cytometry

The validated limit of detection (of plasma cells) is 0.001 percent for this assay.

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

* Abnormal, # = Corrected, C = Critical, f = Footnote, H = High, L = Low, t = Interpretive Text, @ = Reference Lab

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