Multiple Myeloma Panel by FISH

Patient: [redacted]
DOB: [redacted] Age: 67 Gender: M
Patient Identifiers: [redacted]

Visit Number (FIN): [redacted]

Client: [redacted]

Physician: [redacted]

ARUP Test Code: 3002063

Collection Date: 06/25/2021
Received in lab: 07/17/2021
Completion Date: 08/06/2021

Interpretation

Specimen Received
Specimen Type: Bone Marrow (CD138+)
Reason for Referral: MDS ordered, Myeloma
Test Performed: FISHMMP

NORMAL FISH RESULTS
1q21 (CKS1B): gain not detected
t(4;14)(p16;q32) (FGFR3;IGH): translocation not detected
9p24 (JAK2): gain not detected
11q13 (CCND1): gain not detected
t(11;14)(q13;q32) (CCND1;IGH): translocation not detected
t(14;16)(q32;q23) (IGH;MAF): translocation not detected
t(14;20)(q32;q12) (IGH;MAFB): translocation not detected
17p13 (TP53): deletion not detected

DIAGNOSTIC IMPRESSION:
Fluorescence in situ hybridization (FISH) analysis was performed with the following MM panel probes on CD138+ sorted cells: CKS1B, TP53 and IGH/MAFB Plus (Cytocell); JAK2 (MetaSystems); and IGH/FGFR3, CCND1/IGH XT, and IGH/MAF (Abbott Molecular). 100 interphase cells were scored for each probe combination.

This analysis showed normal results with no evidence of gain of CKS1B at 1q, t(4;14), t(11;14), t(14;16), t(14;20), gain of chromosomes 9 or 11, or TP53 deletion.

ISCN:
nuc ish(CKS1B,FGFR3,JAK2,CCND1,IGH,MAF,TP53,MAFB)x2[100]

This result has been reviewed and approved by [redacted]

This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the U.S. Food and Drug Administration. This test was performed in a CLIA certified laboratory and is intended for clinical purposes.

ARUP LABORATORIES | 800-522-2787 | aruplab.com
500 Chipeta Way, Salt Lake City, UT 84108-1221
Jonathan R. Genzen, MD, PhD, Laboratory Director

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