

**Patient:**  
DOB:                      Age:                      Gender: U  
**Patient Identifiers:**  
**Visit Number (FIN):**

**Client:**  
**Physician:**

ARUP Test Code: 3002063  
Collection Date: 05/18/2020  
Received in lab: 05/19/2020  
Completion Date: 05/19/2020

**Interpretation**

Specimen Received  
Specimen Type:      Bone Marrow (CD138+)  
Reason for Referral: Multiple Myeloma  
Test Performed:      FISH, MMP

**NORMAL FISH RESULTS**

1q21 (CKS1B): gain not detected  
t(4;14)(p16;q32) (FGFR3;IGH): translocation not detected  
9q34 (ASS1): 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:**

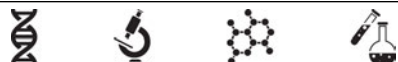
Fluorescence in situ hybridization (FISH) analysis was performed with the following MM panel probes on CD138+ sorted cells: CKS1B, TP53, and IGH/MAFB Plus (Cytocell); and IGH/FGFR3, ASS1, CCND1/IGH XT, and IGH/MAF (Abbott Molecular). 100 interphase cells were scored for each probe combination.

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,ASS1,CCND1,IGH,MAF,TP53,MAFB)x2[100]

This result has been reviewed and approved by Erica F. Andersen, Ph.D., FACMG

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement A: [aruplab.com/CS](http://aruplab.com/CS)



Patient:  
ARUP Accession: 20-139-117745