



Procedure	Result	Units	Ref Interval	Accession	Collected	Received	Reported/Verified
Multiple Myeloma Panel by FISH	See Note f		[Normal]	20-076-900105	16-Mar-20	17-Mar-20	17-Mar-20
EER Multiple Myeloma Panel by FISH	See Note			20-076-900105	16-Mar-20	17-Mar-20	17-Mar-20
					13:00:00	16:04:00	16:09:58
					13:00:00	16:04:00	16:09:58

16-Mar-20 13:00:00 Multiple Myeloma Panel by FISH:

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

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 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 MM panel probes: CKS1B, IGH/MAFB Plus and TP53 (CytoCell), and IGH/FGFR3, ASS1, CCND1/IGH XT, and IGH/MAF (Abbott Molecular) on CD138+ sorted cells (STEMCELL Technologies). 200 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[200]

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

16-Mar-20 13:00:00 Multiple Myeloma Panel by FISH:  
 INTERPRETIVE INFORMATION: Chromosome FISH, Multiple Myeloma Panel

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