MAYO CLINIC

Plasma Cell Prolif, Sort, FISH

PCPDS

PATIENT NAME				ORDER NUMBER
TESTINGRNV, PCPDS-NORMAL				**K222000077**
PATIENT ID SA00141737	DATE OF BIRTH 11/15/1978	AGE 42 Y	SEX Male	REQUESTED BY CLIENT CLIENT
COLLECTED 1/21/2021, 8:50 AM	RECEIVED 1/22/2021, 10:05 AM	REPORTED 1/28/2021, 7:48 AM		

The collected, received, and reported dates and times on the report are in the time zone of the performing location.

7028846
MCL RochesterCampus
Rochester MN 55901

CLIENT ORDER NUMBER
SA00141737

CLIENT MRN
SA00141737

RESULT SUMMARY

Normal

INTERPRETATION

The result is within normal limits for 1q duplication, TP53 deletion and IGH rearrangement.

If not previously performed at diagnosis, the Mayo Stratification for Myeloma and Risk Adapted Therapy algorithm (mSMART 3.0, www.msmart.org/mm-treatment-guidelines) incorporating both FISH and monotypic plasma cell S-phase results can be performed on a new sample. If interested in this testing, call 800-533-1710.

RESULT TABLE

Abnormality Name	Result	# Abn	Total Cells
-17p13.1(TP53x1,D17Z1x2)	Normal	0	50
-17(TP53,D17Z1)x1	Normal	0	50
+1q22(TP73x2,1q22x3)	Normal	0	50
14q32(IGH sep)	Normal	0	50

RESULT

Interphase FISH is normal for all loci studied.

REASON FOR REFERRAL

multiple myeloma/MM

SPECIMEN

Bone Marrow

SOURCE

Left posterior iliac crest

METHOD

```
Locus and probes                          [Strategy;#Nuclei;Class]
-------------------------------------------------------------------
1p36.3(TP73),1q22                                    [COPY#;50;LDT]
14q32(3'IGH,5'IGH)                                     [BAP;50;LDT]
```

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17p13.1(TP53),17CEN(D17Z1) [COPY#;50;ASR]

Probe strategies include:
BAP=break-apart probe;
COPY#=region gain and loss.
Scoring Method: Manual

DISCLAIMER

Applicable to Analyte Specific Reagent (ASR) and Laboratory Developed Tests (LDT). This test was developed and its performance characteristics determined by Mayo Clinic in a manner consistent with CLIA requirements. It has not been cleared or approved by the U.S. Food and Drug Administration. This FISH test does not rule out other chromosome abnormalities.

RELEASED BY

Linda B. Baughn, Ph.D.

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