

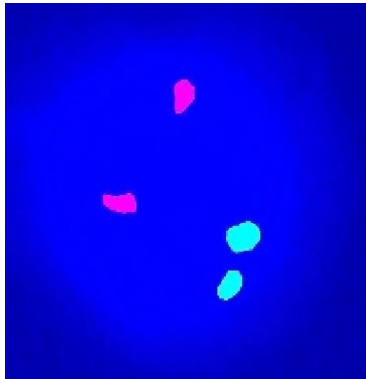
PATIENT NAME	RAJESH WATGAONKAR	PIN No.	PIN060325122440
AGE	65 Years	TIN No.	TIN060325180603
SEX	MALE	COLLECTION DATE, TIME	05 Mar 2025, 15:00
REF. DOCTOR	Dr.	RECEIVING DATE, TIME	05 Mar 2025, 17:00
LOCATION	HYDERABAD	REPORTING DATE, TIME	12 Mar 2025, 12:42
CLIENT	SAGEPATH LABS PVT LTD	SPECIMEN	WB HEPARIN

INDICATION	CLL	RESULT	NEGATIVE for del (11q22.3)
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INVESTIGATION FOR	Del 11q22.3
METHOD	By Fluorescence in situ Hybridization (FISH)
PROBES USED	Kreatech LSI ATM probe is a 500 kb unique sequence probe that hybridizes to the 11q22.3 region of chromosome 11. This probe spans the entire ~184 kb Ataxia Telangiectasia Mutated (ATM) gene and several others.

RESULTS : nuc ish(ATM)×2(200)					
No OF CELLS STUDIED : 200					
	ORANGE 11q22.3	GREEN SE11	No OF CELLS SHOWING6q21 (del)	No OF CELLS NOT SHOWING DELETION	INTERPRETATION
CHROMOSOME	11	11			
SIGNALS PER CELL	2	2	--	200	100% NORMAL
SIGNALS PER CELL	1	2	0	--	0% POSITIVE

FISH REPORT

	<p>Interphase cell showing 2 green and 2 Orange signals indicated by an arrow.</p>
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COMMENTS	There is no del(11q22.3) observed in any of the interphase cells studied
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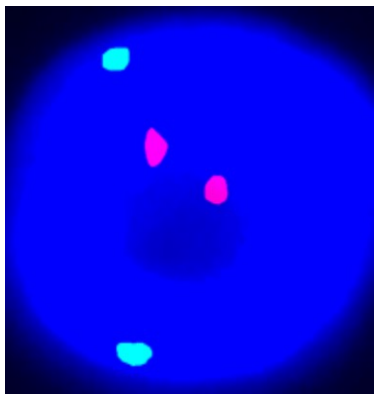
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INDICATION	CLL	RESULT	NEGATIVE for Del 17p13
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INVESTIGATION FOR	Del 17p13
METHOD	By Fluorescence in situ Hybridization (FISH)
PROBES USED	Vysis LSI p53 (17p13) probe is a ~145 kb unique sequence probe that is labelled in spectrum Orange .

RESULTS: nuc ish(17p13)×2[200]					
No OF CELLS STUDIED : 200					
	GREEN [CEP17]	ORANGE [17p13]	No OF CELLS SHOWING 17p (del)	No OF CELLS NOT SHOWING DELETION	INTERPRETATION
CHROMOSOME	17	17			
SIGNALS PER CELL	2	2	00	200	100% NORMAL
SIGNALS PER CELL	2	1	00	--	00% Positive

FISH REPORT

	Interphase cell showing 2 Orange / 2 Green signals
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COMMENTS	There is no evidence of del (17p13) in any of the Interphase cells studied.
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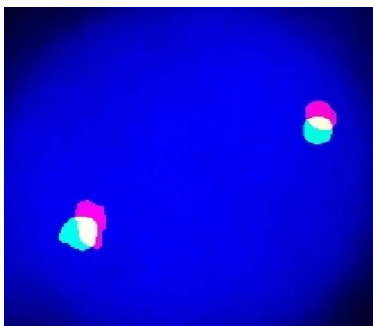
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INDICATION	CLL	RESULT	NEGATIVE FOR TRISOMY 8
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INVESTIGATION FOR	t(8;22)(q24;q11) / t(2;8)(p11;q24) / t(8;14)(q24;q32)
METHOD	By Fluorescence in situ Hybridization (FISH)
PROBES USED	Vysis LSI MYC [dual colour break- apart rearrangement] The LSI MYC Dual Colour- break- apart rearrangement DNA probe hybridizes to chromosome 8q24 (breakpoint region). In Interphase nuclei of normal cell, the probe may appear as distinct orange/green fusion signals. While in t(8;22)/t(2;8)/t(8;14), individual orange and green signals are observed.

RESULTS: nuc ish(5'MYC,3'MYC)×2(5'MYC con 3'MYC)×2[200]						
No OF CELLS STUDIED : 200						
	ORANGE/GREEN FUSION (5' / 3' MYC)	ORANGE (5' MYC)	GREEN (3' MYC)	No OF CELLS SHOWING 2 FUSION SIGNALS	No OF CELLS SHOWING 3 FUSION SIGNALS	INTERPRETATION
CHROMOSOME	8	8	8			
SIGNALS PER CELL	2	-	-	200		100% NORMAL
SIGNALS PER CELL	1	1	1		00	0% TRISOMY 8

FISH REPORT	
	Interphase cell showing 2 Green / Orange fusion Signals (NORMAL CELLS)

COMMENTS	There is no evidence of C-MYC t (8;14) in any of the interphase cells studied.
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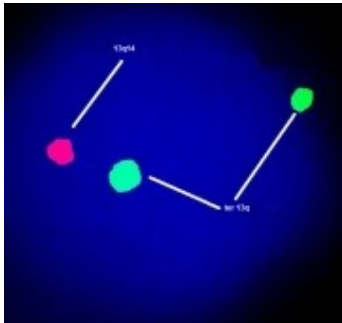
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INDICATION	CLL	RESULT	POSITIVE for del(13q14)
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INVESTIGATION FOR	Del 13q14
METHOD	By Fluorescence in situ Hybridization (FISH)
PROBES USED	The LSI 13 (RB1) 13q14 Spectrum Orange Probe contains unique DNA sequences specific to the RB1 gene within the 13q14 region of chromosome 13. The presence or absence of the RB1 gene region may be detected using the LSI 13 (RB1) 13q14 Probe. This probe may be used to detect deletion (not mutation) of the RB1 gene locus.

RESULTS					
No OF CELLS STUDIED : 200					
	ORANGE RB1 (13q14.3)	GREEN ter 13q	No OF CELLS SHOWING DELETION	No OF CELLS SHOWING DELETION	INTERPRETATION
CHROMOSOME	13	13			
SIGNALS PER CELL	2	2	--	90	45% NORMAL
SIGNALS PER CELL	1	2	110	--	55% POSITIVE

FISH REPORT

	Interphase cell showing 2 Green and 1 Orange signals.
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COMMENTS	There is a del(13q14) positive in 55% of the interphase cells studied Remaining 45% interphase cells are NORMAL
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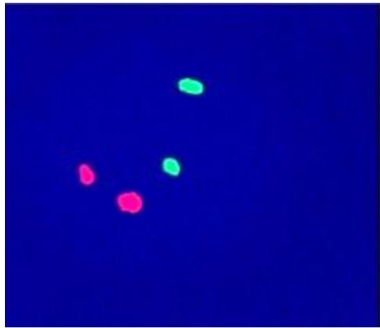
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INDICATION	? CLL	RESULT	Negative for t(11;14)
INVESTIGATION FOR	CCND1 (BCL1)/IgH translocation		
METHOD	By Fluorescence in situ Hybridization (FISH)		
PROBES USED	Kreatech™ CCND1/IGH t(11;14) Fusion FISH probe.CCND1: Green, IGH: Orange.		

RESULTS						
No OF CELLS STUDIED : 200						
	ORANGE- GREEN FUSION	ORANGE [CCND1- BCL1]	GREEN [IGH]	NO. OF CELLS NOT SHOWING TRANSLOCATION	NO. OF CELLS SHOWING TRANSLOCATION	INTERPRETATION
CHROMOSOME	t(11;14)(q13;q32)	11q13	14q32			
SIGNALS PER CELL	0	2	2	200	--	100% NORMAL
SIGNALS PER CELL	2	1	1		00	00% POSITIVE

FISH REPORT

	Interphase cell showing 2 Green and 2 Orange signals
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COMMENTS	t(11;14) not found in any of the interphase cells studied.
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END OF THE REPORT