Name	: Mr.DUMMY REPORT	Centre Details	:DUMMY GURGAON DUMG
Age	: 45 Yrs Sex: Male	Accession.ID	:OQG2602250931
Collection Date	: 25/Feb/2026 03:33PM	Referred By	:SELF
Received Date	: 25/Feb/2026 03:34PM	Report Date	:26/Feb/2026 12:06PM
Registration Date	: 25/Feb/2026 03:32PM	Ref.No/TRF.No	: /

DEPARTMENT OF FISH & CYTOGENETICS

MDS EXTENDED FISH PANEL-8 MARKERS

del5q (Monosomy 5) by FISH

Heparin, Whole Blood/Bone Marrow

DETAILED REPORT:

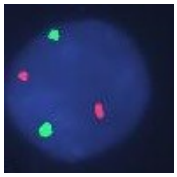
Monosomy 5 / Deletion 5q Assay
Fluorescence in- situ Hybridization (FISH)

Method: FISH analysis on Interphase cells of the specimen
Specimen type: Heparinized BM
FISH Probe: ZytoLight SPEC EGR1/D5S23,D5S721 Dual Color Probe

	Orange EGR1 5q31.2	Green D5S23,D5S721 (5p15.2-p15.31)	No of cells (n=200)	Analysis
	2	2	200	Normal
Signals/ cell	1	2	0	Deletion of q arm
	1	1	0	Monosomy of chromosome 5

Note: Cut-off for detection of deletion signal in normal individuals is 3%. The performance characteristics of this Test have been evaluated at Oncquest Laboratories Ltd.

Interpretation :
Monosomy 5 or Deletion of 5q was not observed in any cells.
Specimen is Negative for 5q deletion.



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DEPARTMENT OF FISH & CYTOGENETICS

MDS EXTENDED FISH PANEL-8 MARKERS

del7q (Monosomy 7) by FISH

Heparin, Whole Blood/Bone Marrow

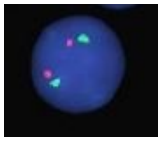
Monosomy 7 / Deletion 7q Assay
Fluorescence in- situ Hybridization (FISH)

Method: FISH analysis on Interphase cells of the specimen
Specimen type: Heparinized BM
FISH Probe: LSI D7S486 Spectrum Orange/CEP 7 Spectrum Green DC DNA probe

	Green CEP 7	Orange D7S486(7q31)	No of cells (n=200)	Analysis
	2	2	200	Normal
Signals/ cell	2	1	0	Deletion of q arm
	1	1	0	Monosomy of chromosome 7

Note: Cut-off for detection of deletion signal in normal individuals is 3%. The performance characteristics of this Test have been evaluated at Oncquest Laboratories Ltd.

Interpretation :
Monosomy 7 or Deletion of 7q was not observed in any cells.
Specimen is Negative for 7q deletion.



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DEPARTMENT OF FISH & CYTOGENETICS

MDS EXTENDED FISH PANEL-8 MARKERS

Trisomy 8 by FISH

Heparin, Whole Blood/Bone Marrow

Numerical aberrations in chromosome 8 Assay
Fluorescence in-situ Hybridization (FISH)

Method: FISH analysis on Interphase cells of the specimen
Specimen type: Heparinized BM
FISH Probe: CEP 8 Spectrum Orange DNA probe

	Orange 8p11.1-q11.1	No of cells (n=200)	Analysis
	2	200	Normal
Signals/ cell	1	0	Monosomy of Chromosome 8
	3	0	Trisomy of Chromosome 8

Note: Cut-off for detection of deletion signal in normal individuals is 3%. The performance characteristics of this Test have been evaluated at Oncquest Laboratories Ltd.

Interpretation:
Gain/Amplification/deletion of chromosome 8 was not detected in any cells.
Specimen is Negative for numerical aberrations in chromosome 8.

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DEPARTMENT OF FISH & CYTOGENETICS

MDS EXTENDED FISH PANEL-8 MARKERS

del20q by FISH

Heparin, Whole Blood/Bone Marrow

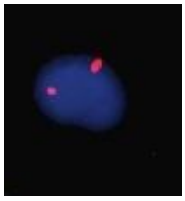
Deletion 20 / 20q Assay
Fluorescence in-situ Hybridization (FISH)

Method: FISH analysis on Interphase cells of the specimen
Specimen type: Heparinized BM
FISH Probe: Vysis directly labelled LSI D20S108 Spectrum Orange DNA Probe

	Orange D20S108 20q12	No of cells (n=200)	Analysis
	2	200	Normal
Signals/ cell	1	0	Deletion of q arm or Monosomy of Chromosome 20

Note: Cut-off for detection of deletion signal in normal individuals is 3%. The performance characteristics of this Test have been evaluated at Oncquest Laboratories Ltd.

Interpretation:
Deletion 20 / 20q was not detected in any cells.
Specimen is Negative for Deletion 20 / 20q.



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DEPARTMENT OF FISH & CYTOGENETICS

MDS EXTENDED FISH PANEL-8 MARKERS

del17p by FISH

Heparin,Bone Marrow

Deletion 17p13 (*p53*) Assay

Fluorescence in- situ Hybridization (FISH)

Method: FISH analysis on Interphase cells of the specimen

Specimen type: Heparinized BM

FISH Probe: ZytoLight SPEC Orange TP53/ CEN 17 SPEC Green DC DNA probe

	Spectrum Orange *p53* 17p13.1	Spectrum Green *CEN 17*	No of cells (n=100)	Analysis
Signals/ cell	2	2	100	Normal
	1	2	0	Deletion of 17p13/ p53 locus
	1	1	0	Monosomy of Chromosome 17

Note: Cut-off for detection of deletion signal in normal individuals is 3%. The performance characteristics of this Test have been evaluated at Oncquest Laboratories Ltd.

Interpretation :

nuc ish(CEN17x2,p53x2)[100]
Deletion of 17p13 was not observed in any cells.
Specimen is Negative for *p53* deletion

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DEPARTMENT OF FISH & CYTOGENETICS

MDS EXTENDED FISH PANEL-8 MARKERS

MECOM Translocation

Whole Blood Sodium Heparin

MECOM::GATA2 TRANSLOCATION Assay

Fluorescence in -situ Hybridization (FISH)

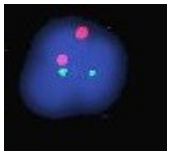
Method: FISH analysis on Interphase cells of the specimen
Specimen type: Heparinized BM
FISH Probe: Zyto*Light* SPEC GATA2/MECOM Dual Color Dual Fusion Probe

	***MECOM* Green 3q26.2**	***GATA2* Orange 3q21.3**	***GATA2/MECOM* fusion Yellow t(3;3)/inv(3)**	**No.of cells (n=200)**	**Analysis**
	2	2	0	200	Normal
	1	1	2	0	Translocated
Signals/ cell	2	2	2	0	Translocated with Gain/ Loss of *GATA2/MECOM* locus
	3	3	0	0	Gain/ Loss of *GATA2/MECOM* locus

Note: Cut-off for detection of fusion signal in normal individuals is 4%. The performance characteristics of this Test have been evaluated at Oncquest Laboratories Ltd.

Interpretation:

nuc ish(GATA2,MECOM)×2[200]
***GATA2 /MECOM* Fusion signal was not detected in any cells.**
The sample is Negative for t(3;3)/inv(3)



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DEPARTMENT OF FISH & CYTOGENETICS

MDS EXTENDED FISH PANEL-8 MARKERS

del13q by FISH

Heparin,Bone Marrow

del 13q14.3 Assay

Fluorescence in-situ Hybridization (FISH)

Method: FISH analysis on Interphase cells of the specimen
Specimen type: Heparinized BM
FISH Probe: Vysis directly labeled LSI D13S25 DNA Probe

	Del13q14.3 (Orange)	No. of cells (n=100)	Analysis
Signals/ cell	2	100	Normal
	1	0	Deletion of q arm/ monosomy of chr 13

Note: Cut-off for detection of deletion signal in normal individuals is 3%. The performance characteristics of this Test have been evaluated at Oncquest Laboratories Ltd.

Interpretation:

Del 13q14.3 signal was not detected in any cells.
Specimen is Negative for del13q14.3.

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DEPARTMENT OF FISH & CYTOGENETICS

MDS EXTENDED FISH PANEL-8 MARKERS

MLL Gene Breakapart Rearrangement

Heparin, Whole Blood/Bone Marrow

MLL (KMT2A) Gene Rearrangement Assay

Fluorescence in-situ Hybridization (FISH)

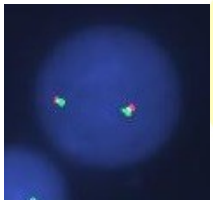
Method: FISH analysis on Interphase cells of the specimen
Specimen type: Heparinized BM
FISH Probe: ZytoLight SPEC KMT2A Dual Color Break Apart Probe

	***MLL* Green 11q23**	***MLL* Orange 11q23**	***MLL* fusion Yellow**	**No. of cells (n=200)**	**Analysis**
Signals /cell	0	0	2	200	Normal
	1	1	1	0	Translocated
	1	1	2	0	Translocated with Gain/ Loss of *MLL* locus
	0	0	3	0	Gain/ Loss of *MLL* locus

Note: Cut-off for detection of fusion signal in normal individuals is 3%. The performance characteristics of this Test have been evaluated at Oncquest Laboratories Ltd.

Interpretation:

nuc ish(5'MLL,3'MLL)×2(5'MLL con 3'MLL×2)[200]
***MLL* Gene break apart signal was not detected in any cells.**
The sample is Negative for *MLL* Gene Rearrangement



***** End Of Report *****