



SPECIAL HEMATOLOGY LABORATORY

DEPARTMENT OF PATHOLOGY

LADY HARDINGE MEDICAL COLLEGE AND ASSOCIATED HOSPITALS, NEW DELHI

FLOW CYTOMETRY REPORT

LAB REFERENCE NO: 146/24

BMA: 231/24

DATE: 13/04/24

NAME	AGE/SEX	REG NO	HOSPITAL	UNIT	DOCTOR INCHARGE
Bhoomi	2y IF	9213	KSCM	V2C3	

Type of specimen: Peripheral Blood

Total cell count of sample: $60.65 \times 10^3/\mu\text{l}$

Percentage of gated population: 74.92%

Gating strategy: CD45 v/s SSC

Intensity of CD45 expression on Gated population: Dim to Negative

MARKERS	RESULT	INTENSITY	INTERPRETATION
T CELL MARKERS			
cCD3	-	-	Negative
CD5	-	-	Negative
CD7	-	-	Negative
sCD3	-	-	Negative
CD4	-	-	
CD8	-	-	
CD1a	-	-	
B Cell Markers			
CD19	92%	Moderate	Positive
CD79a	96%	Moderate	Positive
CD10	89%	Moderate	Positive
CD22	63%	Dim	Positive
CD20	30%	Dim	Positive
sigM			
CD19 & CD10 coexpression	89%		
Myeloid Markers			
CD13			
CD33			
CD14			
CD15			
MPO	-	-	Negative
Immaturity Markers			
HLA-DR	92%	Bright	Positive
CD34	80%	Dim to moderate	Positive
CD117	-	-	Negative
TdT			

PS:

Smear shows leukocytosis with presence of 82% blasts which are 2.5 to 3.5 times the size of small mature lymphocytes with high NC ratio, having scant, agranular cytoplasm, round nuclei (few showing indentations), coarse chromatin and 1-2 conspicuous nucleoli. Red cells are showing mild anisocytosis with normocytic normochromic. Platelets are reduced.

DLC - Blasts 82 L9 M1

Impression: Based on morphology and immunophenotyping suggestive of CD119 positive B-cell acute lymphoblastic leukemia (B-ALL).

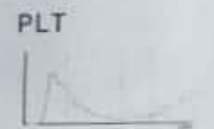
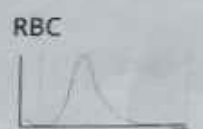
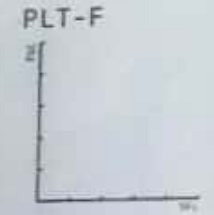
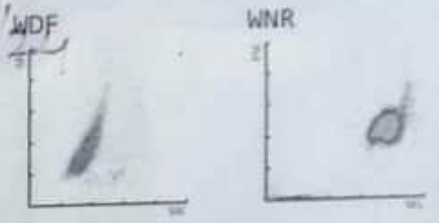
H/O
16/4/2024

Leukemia no: - 43/24

Sample No: 3/3134
Patient ID:
Name:
Sample Comment:
Ward:
Rack: 3
Position: 3
2824/04/24
Doctor:
Birth:
Sex:
Nickname: XN-1508-1-R

Positive Diff. Morph. Count
B1A-231/WDF
Bhooni
2Y/F
9713

WBC	60.65	[10 ³ /uL]	
RBC	1.13	[10 ⁶ /uL]	
HGB	3.3	[g/dL]	
HCT	11.4	[%]	
MCV	100.9	[fL]	
MCH	29.2	[pg]	
MCHC	28.9	[g/dL]	
PLT	31	[10 ³ /uL]	
RDW-SD	76.8	[fL]	
RDW-CV	21.8	[%]	
PDW	11.4	[fL]	
MPV	10.2	[fL]	
P-LCR	27.0	[%]	
PCT	0.03	[%]	
NRBC	0.01	[10 ³ /uL]	0.0 [%]
NEUT	0.29	[10 ³ /uL]	0.5 [%]
LYMPH	49.77	[10 ³ /uL]	82.1 [%]
MONO	10.53	[10 ³ /uL]	17.4 [%]
EO	0.03	[10 ³ /uL]	0.0 [%]
BAO	0.03	[10 ³ /uL]	0.0 [%]
IG	0.03	[10 ³ /uL]	0.0 [%]
RET	0.56	[%]	0.0063 [10 ⁶ /uL]
IRF	14.2	[%]	
LFR	95.8	[%]	
MFR	11.8	[%]	
HFR	2.4	[%]	
RET-He	34.0	[pg]	
IPF		[%]	
WBC-BF		[10 ³ /uL]	
RBC-BF		[10 ⁶ /uL]	
MN		[10 ³ /uL]	
PMN		[10 ³ /uL]	
TC-BF#		[10 ³ /uL]	



WBC IP Message
WBC Abn Scattergram
Neutropenia
Lymphocytosis
Monocytosis
Leukocytosis
Blasts/Abn Lympho?
Atypical Lympho?

RBC IP Message
Anisocytosis
Hypochromia
Anemia

PLT IP Message
Thrombocytopenia

Monocytic Markers			
CD11b			
CD11c			
CD14			
CD36			
CD64			
Erythroid Markers			
CD235a			
CD71			
Megakaryocytic Markers			
CD61			
CD41			
MRD Markers			
CD38			
CD58		Moderate	Positive
CD73		Moderate	Positive
CD86		Moderate	Positive
CD81		Moderate	Positive
CD304		Moderate	Positive
CD123		Moderate	Positive
		Moderate to bright	Positive
OTHERS			
CD16			
CD56			

Impression:

Flow cytometric analysis reveals approximately 74.92 % of blasts showing

Bright expression of HLA-DR
 Moderate to Bright expression of CD123
 Moderate expression of CD19, CD79a, CD10, CD33, CD58, CD73, CD86, CD81,
 CD304

Moderate to Dim expression of CD34 and CD20
 Dim expression of CD22
 Negative for CD3, CD33, CD7, MPO, CD117

Co-expression of CD10 & 19

The scatter parameter and antigenic distribution of peripheral blood/bone marrow provided for flow cytometry study are suggestive of CALLA positive B-cell - Acute lymphoblastic leukemia

Reported By:

Dr. Jyotsna

Prof
 16/04/24

Sample No.: 13/3189
 Patient ID:
 Name:
 Sample Comment:



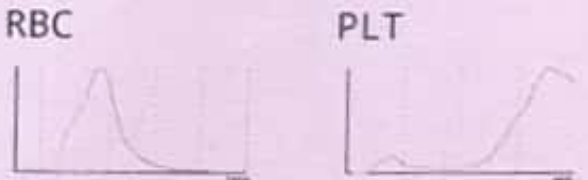
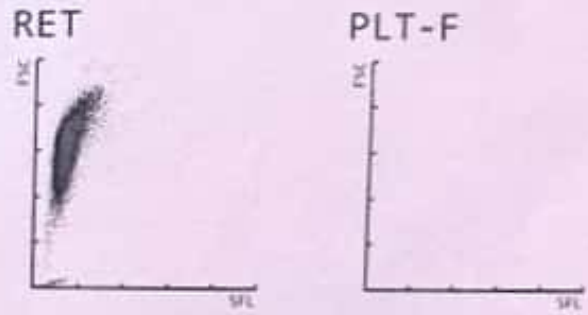
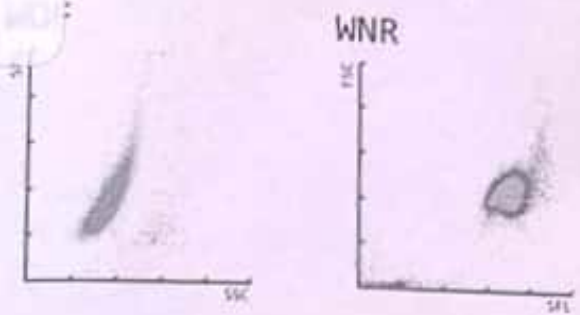
13/3189

Name: BHOO MI 2.6Y/F 9713 U2C3
 Name: CBC 15/04/2024

Position: 2 2024/04/15 10:44:52 WB
 Doctor:
 Birth:
 Sex:
 Nickname: XN-1500-1-R

Positive
 Diff. Morph. Count

WBC	57.55 +	[10 ³ /uL]		
RBC	2.43 -	[10 ⁶ /uL]		
HGB	6.9 -	[g/dL]		
HCT	21.3 -	[%]		
MCV	87.7	[fL]		
MCH	28.4	[pg]		
MCHC	32.4	[g/dL]		
PLT	18 *	[10 ³ /uL]		
RDW-SD	75.8 +	[fL]		
RDW-CV	24.6 +	[%]		
PDW	----	[fL]		
MPV	----	[fL]		
P-LCR	----	[%]		
PCT	----	[%]		
NRBC	0.01	[10 ³ /uL]	0.0	[%]
NEUT	0.11 *	[10 ³ /uL]	0.3 *	[%]
LYMPH	46.00 *	[10 ³ /uL]	79.9 *	[%]
MONO	11.23 *	[10 ³ /uL]	19.5 *	[%]
EO	0.02	[10 ³ /uL]	0.0	[%]
BASO	0.19 +	[10 ³ /uL]	0.3	[%]
IG	0.03 *	[10 ³ /uL]	0.1 *	[%]
RET	0.25	[%]	0.0061	[10 ⁶ /uL]
IRF	6.3	[%]		
LFR	93.7	[%]		
MFR	3.8	[%]		
HFR	2.5	[%]		
RET-He	31.7	[pg]		
IPF		[%]		
WBC-BF		[10 ³ /uL]		
RBC-BF		[10 ⁶ /uL]		
MN		[10 ³ /uL]		[%]
PMN		[10 ³ /uL]		[%]
TC-BF#		[10 ³ /uL]		



WBC IP Message
 WBC Abn Scattergram
 Neutropenia
 Lymphocytosis
 Monocytosis
 Leukocytosis
 Blasts/Abn Lympho?
 Atypical Lympho?

RBC IP Message
 Anisocytosis
 Anemia

PLT IP Message
 PLT Abn Distribution
 Thrombocytopenia

KESHAV PATH LAB



FULLY COMPUTERISED LAB.
 316/5, North Civil Line, Near Gangal Nursing Home,
 Dr. Gangal Wall Gall, Ansari Road, Muzaffarnagar (U.P.)
 Mob: 9359377337, 7055941042

Liquid based Cytology (LBC)
 Hormone & Automated
 Culture available



Dr. Nidhi Agarwal
 M.B.B.S., D.C.P., M.D.
 (Gold Medalist)
 CLINICAL PATHOLOGIST

Name	: Baby Bhumi	527	Lab Ref. No.	: M 527
Age/ Sex	: 2 Yrs. 6 Months / FEMALE		Collected On	: 12/04/2024
Referred By	: Dr. Samarth Kumar M.B.B.S M.D.		Registered On	: 12/04/2024
Sample	: BLOOD		Reported On	: 12/04/2024

Investigation	Results	Units	Biological
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SEROLOGY

H.I.V (1 & 2)

Non Reactive

THE ABOVE TEST IS A SCREENING TEST FOR DETECTION OF HIV 1 AND 2 ANTIBODIES IN HUMAN SERUM OR PLASMA. ALL POSITIVE DETECTED SAMPLE SHOULD BE RECONFIRMED BY USING WESTERN BLOT TECHNIQUE. POSITIVE RESULT DOES NOT EXCLUDE THE POSSIBILITY OF INFECTION OR EXPOSURE TO HIV 1 AND HIV 2.

BIOCHEMISTRY

LDH

690.0

U/L

125-360

-----{END OF REPORT }-----

Dr. Nidhi Agarwal
 M.B.B.S. D.C.P. M.D.

• Laboratory test values should be correlated with clinical finding and other related investigation because of their limitation.
 • In case of alarming unexpected test report, kindly contact the lab immediately for possible remedial advice.
 • This report is not valid for medico-legal purpose.
 • It is presumed that the specimen belongs to the patient name or identified. Identity of the patient can not be confirmed by us.
 Reg. No. RMEE1901247(Lab) Timings : 9.00 a.m. - 8.00 p.m. Sunday Evening Closed





JEEVAN CARE FOUNDATION

Address:- 697, Village Madanpur Khadar, New Delhi 110076
 Mail- Jeevancarefoundation@gmail.com

Reg No. 92

Ref. No.

Date 27/05/20...

सेवा में

श्रीमान काउंटर मंडादय
 जीवन केंद्र फाउंडेशन

मंडादय

मे लखे का पिता आदेश कुमार अपनी विनती करता हूँ कि मेरा लम्बा बीमार है। काफी समय से जाँ कि दो वर्ष छु। माह की लखी है। और मेरी लखी को प्रयोग बीमारी ने झगड़ लिया मेरी लखी केसर जैसी जाँ कि लख केसर है। उस बीमारी से मेरे लखी झुग रही है। और मेरी परिकार और मेरी आर्थिक रूप से मेरी लखी के लिए मदद नहीं कर पाते हैं। हमें स्वान को भी ठीक करने की मुजाद दिला है। और आर्थिक रूप से मेरी लखी को मदद नहीं हो पाती कृपा करके मेरी लखी की मुमि की मदद करे मे हाथ जोड़कर विनती करता हूँ। मैं मेरा परिवार जीवन भर आभारी रहेगा।

पुार्थी

आदेश कुमार

