



ISO 9001 : 2008 CERTIFIED LAB

KOS Diagnostic Lab
(A Unit of KOS Healthcare)



Medical Laboratory Report



Mr. ASHOK JAIN
AMBALA, AMBALA
Tel No : 8607344999
PIN No: 133001
PID NO: P542100782208
Age: 59.0 Year(s) Sex: Male

Reference: Dr.VINAY CHOPRA

Sample Collected At:
Dr vinay kumar chopra
Kos diagnostic lab, 6349/i, nicholson road,
ambala cantt, hry 133001.
**PROCESSING LOCATION:- Metropolis
Healthcare Ltd, Unit No. 409- 416, 4th
Floor, Commercial Building-1,
Kohinoor Mall, Mumbai-70**

VID: 54213320015917

Registered On:
03/12/2021 04:19 PM
Collected On:
05/12/2021 2:50AM
Reported On:
06/12/2021 09:12 PM

Leukemia -Chronic Lymphoproliferative Disorder, Blood

Specimen Type

1 EDTA, 1 Heparin whole blood samples received

SMEAR FINDINGS:

- Smear studied from EDTA whole blood sample received for Immunophenotyping studies revealed leucocytosis with absolute lymphocytosis. Some of these lymphoid cells show single prominent nucleoli.
- Differential count: - Lymphocytes - 72%, Neutrophils - 28%.
- RBC's are macrocytic.
- Platelets adequate on smear examination.
- Impression :- S/o Chronic Lymphoproliferative Disorder.

NOTE:

This Sample was outsourced to Metropolis Lab

Dr. Sanjay Gohil
M.D. Pathologist

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Instrument Software BD FACS CANTO II/BD FACS DIVA,8-Colour flow cytometry

Cell Preparation Method Stain-Lyse -Wash

Population gated Lymphocytes.

Gated cells (% of all cells) CD45/ side scatter shows a cluster of 76.0% cells in Lymphocyte window. Of these gated cells in lymphocyte window 74.8% cells shows positive expression of CD19 and showing following expression of markers.

Markers	Percentage Positivity	Remarks
CD 5	--	POSITIVE, DIM
CD 10	--	NEGATIVE
CD 19	--	POSITIVE, MODERATE
CD 20	--	POSITIVE, MODERATE
CD 23	--	POSITIVE, MODERATE
CD 38	--	NEGATIVE
FMC 7	--	NEGATIVE
Kappa	--	NEGATIVE
Lambda	--	POSITIVE, DIM
CD 200	--	POSITIVE, MODERATE

Interpretation The flow cytometry analysis is S/o B - Cell Chronic Lymphocytic Leukemia (B - CLL).

Advice Kindly co-relate with clinical, cytogenetic and molecular studies for further characterisation and prognostication. A co-relation with FISH for CLL (Test Code:- L0107) and IgVH mutation (Test code :- I0300) is advised.

Dr. Sanjay Gohil
 M.D. Pathologist

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