



# CHRISTIAN MEDICAL COLLEGE AND HOSPITAL, LUDHIANA (Pb.)

Phone No. : 0161-2115406

## LABORATORY REPORT

Out Patient Name MR RAVINDER PAL SINGH .  
Referred By Dr. HARPAL SINGH .  
Date 05/11/2019 11:12

Lab No. 4320434

Unit No. :  
Bed No :

R9069130 Sex : M Age : 29 Yr  
Ward :

Test Dt& 05/11/2019 13:06:00  
Tm:

### BIO-CHEMISTRY

Adenosine Deaminase (ADA), Fluid 23.0

Fluid <30 U/L NORMAL  
30-60 U/L SUSPECT  
>60 U/L POSITIVE  
CSF <10 U/L NORMAL, >10 U/L +VE

NOT VALID FOR MEDICO LEGAL PURPOSE



# DELTA HEART CENTRE PVT. LTD.

70-K, SARABHA NAGAR, LUDHIANA -141 001 (Pb.)  
E-mail : medlabsdiagnostics@gmail.com

**DR. DAMANDEEP KAUR**

M.D. Pathology  
PMC Reg. No. 42654

PATIENT NAME : RAVINDERPAL SINGH  
REF. BY : DR. HARPAL SINGH  
DATE OF RECEIVING : 05/11/19  
DATE OF REPORTING : 05/11/19

AGE & SEX : 29Y/ M  
CYTO NO. : EC-62/19  
LAB NO : 4475

## FLUID ANALYSIS REPORT

**SPECIMEN :** Ascitic fluid.

### PHYSICAL EXAMINATION

Volume : 20ml.  
Color : Pale yellow.  
Appearance : Slightly turbid.  
Coagulum : Absent.

### BIOCHEMISTRY

Total protein: 5.4g/dl.  
Albumin : 3.0g/dl.  
Glucose : 77mg/dl.  
Amylase : 30U/L.

### CELL COUNTS

TLC : 1090/cumm.  
DLC : Neutrophils 02%; **Lymphocytes 97%**; Eosinophils 01%.

**MICROSCOPIC EXAMINATION** : Smears reveal mainly lymphocytes, scattered and clustered reactive mesothelial cells, along with sparse neutrophils, occasional eosinophils, and many RBC.  
No atypical cell seen.

**IMPRESSION :** Lymphocyte rich reactive effusion.

**NOTE :** Kindly correlate with clinical features, radioimaging findings, and peripheral blood AEC.

\*\*\*End of report\*\*\*

DR. DAMANDEEP KAUR  
M.D. (Pathology)  
Consultant Pathologist

### LAB EQUIPPED WITH

- FULLY AUTOMATIC BIOCHEMISTRY ANALYZER FROM ELLITECH (SWITZERLAND)
- AUTO BIOCHEMISTRY ANALYZER MICROLABS 300 ( SWITZERLAND)
- NA+/K+/Cl- ELECTROLYTE ANALYZER FROM ROCHE (SWITZERLAND)
- FULLY AUTOMATIC HEMATOLOGY CELL COUNTER FROM MEDONIC (SWEDEN)
- HBA1C ANALYZER FROM MISPA (SWITZERLAND)
- COAGULATION ANALYZER MISPA CLOG LABITECH (GERMANY)
- HISTOPATHOLOGY MICROTOME

**Med Labs**  
DIAGNOSTICS

H.O. : K-6-A, SOUTH CITY, LUDHIANA-141001 (PB)  
(M) 99888-99438

THIS REPORT IS NOT VALID FOR MEDICO-LEGAL PURPOSE

The reported lab test results are for information and are subject to confirmation and interpretation by the referring doctor.  
Owing to technical limitations results may vary in a small fraction of cases. In case of any discrepancy with clinical findings, re-evaluation is advisable.

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AGE/SEX : 29YRS (M)  
PATIENT :  
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TEST	RESULT	UNITS	REFERENCE RANGE
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SPECIMEN: ASCITIC FLUID

ADENOSINE DEAMINASE (ADA) Assay

ADENOSINE DEAMINASE (ADA) Assay

17 U/L

**EXPECTED VALUES:**

Serum, plasma, Pleural	NORMAL	43 U/L
Pericardial and Ascitic fluid	SUSPECTED	> 43 - 62 U/L
	POSITIVE	> 62 U/L

**CLINICAL SIGNIFICANCE** : Elevated ADA activity has been observed in tuberculous effusions. Additionally, elevated serum ADA activity has been observed in patients with acute hepatitis, liver cirrhosis, viral hepatitis.

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DIAGNOSTICS

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