

Patient Detail:

Muhammad Rayan

Age/Sex :

4 Y(s) / M

Registration Location:

Near DHQ Hospital, Sargodha

Registration Date:

25-Apr-2025 15:01

Reference:

Blue Card - Counter

Consultant:

DR KHURRAM SHAH NAWAZ

Patient Number:

7301-25-16339481

Case Number:

7335-25-04


Note :

Department Of Microbiology Urine Examination

Collection DateTime: 25-Apr-2025 15:01

Reporting DateTime: 25-Apr-2025 17:45

Physical Examination

Colour: Yellow

Turbidity/Deposit: Nil

Chemical Examination

Parameter Name	Result	Reference Value
SP Gravity	1.025	1.005-1.030
pH	5.0	5.0-8.0
Leukocyte Estrases	Nil	Nil
Nitrite	Nil	Negative
Proteins	Nil	Nil

Parameter Name	Result	Reference Value
Sugar	Nil	Nil
Ketones	1+	Nil
Urobilinogen	Normal	Normal
Bilirubin	Nil	Nil
Heamoglobin	Nil	Nil

Microscopic Examination

Parameter Name	Result	Reference Value	Unit
Pus Cells	0-5	0-5	/HPF
Red Blood Cell	Nil	0-5	/HPF
Epithelial Cells	0-2	0-5	/HPF
Amorphous	Nil	Nil	/HPF
Casts:	Nil	Nil	/LPF

Parameter Name	Result	Reference Value	Unit
Organisms	Nil	Nil	/HPF
Yeast Cells	Nil	Nil	/HPF
Dead Sperms	Nil	Nil	/HPF
Misc	Nil	Nil	/HPF
Crystals:	Nil	Nil	/HPF

Electronically verified report. No signature required. Lab reports should be interpreted by a physician in correlation with clinical and radiologic findings

 Dr. Faryal Qadir
 Consultant Pathologist

 Dr. Qamar Sultana
 MBBS , M.Phil.
 Consultant Microbiologist

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Note : , , ,

Department of Microbiology

Collection Date & Time: 25 April, 2025 - 03:01 PM

Reporting Date & Time: 29 April, 2025 - 01:59 PM

Specimen:

BLOOD (PEADS)

Gram Stain

Gram positive cocci seen in the smear examined.

Culture

Growth obtained after 36 hours of incubation at 37°C.

Isolate1

Streptococcus pneumoniae

Streptococcus pneumoniae

Result

Penicillins

Penicillin

S

Cephems & Cephalosporins

Ceftriaxone

S

Glycopeptides

Vancomycin

S

Macrolides

Erythromycin

S

Tetracycline

Doxycycline

S

Fluoroquinolones

Levofloxacin

S

Folate Pathway Inhibitors

Trimethoprim-Sulphamethoxazole

S

Miscellaneous

Clindamycin

S

S = Sensitive

I = Intermediate

R = Resistant

MIC = Minimum Inhibitory Concentration (ug/mL)

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Note :

Comments:

Penicillin susceptibility predicts susceptibility to ampicillin (oral or parenteral), ampicillin-sulbactam, amoxicillin, amoxicillin-clavulanate, cefaclor, cefepime, cefotaxime, ceftriaxone, cefuroxime, ertapenem, imipenem, meropenem, and penicillin (oral or parenteral).

Note: Based on CLSI recommendations and College of American Pathologists (CAP) standards; selective reporting of antimicrobial agents should help improve the clinical relevance of antimicrobial reporting and help minimize overuse of broad-spectrum agents that might result in selection of multi-resistant organisms. Supplementary/Additional (other than category A) antimicrobial agents can be released on physician request.

*Supplementary/Additional (other than category A) antimicrobial agents have been released on physician request.

Reference value:

No Growth/Normal flora isolated.

Culture Method: Manual method,

Microbial identification: VITEK-MS (MALDI-TOF)/Biochemical,

Antibiotic susceptibility testing: Kirby-Bauer Disk Diffusion,

MIC susceptibility testing: E-test/Microbroth dilution/Colistin Broth Disk Elution,

AST Standard: EUCAST/Clinical and Laboratory Standards Institute (CLSI) standard.

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CHUGHTAI LAB
ONE NATION - ONE LAB



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25-Apr-2025 15:01

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DR KHURRAM SHAH NAWAZ

Patient Number:

7301-25-16339481

Case Number:

7335-25-04

Note : , , ,

Department of Hematology

Collection DateTime: 25-Apr-2025 15:01

Reporting DateTime: 26-Apr-2025 04:46

Malarial Parasite (MP)

Not seen on peripheral smear

NOTE: Negative peripheral smear does not exclude the diagnosis of malaria. In case of strong suspicion of malaria, a repeat peripheral smear examination and or ICT malaria test is suggested.

Electronically verified report. No signature required. Lab reports should be interpreted by a physician in correlation with clinical and radiologic findings

Dr. Asma Nasir
Consultant Hematologist

Dr. N. A. Malik
Consultant Hematologist

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Case Number:

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Note : , , ,

Department of Microbiology

Collection Date & Time: 25 April, 2025 - 03:01 PM

Reporting Date & Time: 27 April, 2025 - 11:48 AM

Specimen:

BLOOD (PEADS)

Gram Stain

Gram positive cocci seen in the smear examined.

Comments:

This is a Preliminary report based on initial findings. The final report will be issued after the verification of the results, in due course of time.

Reference value:

No Growth/Normal flora isolated.

Culture Method: Manual method,

Microbial identification: VITEK-MS (MALDI-TOF)/Biochemical,

Antibiotic susceptibility testing: Kirby-Bauer Disk Diffusion,

MIC susceptibility testing: E-test/Microbroth dilution/Colistin Broth Disk Elution,

AST Standard: EUCAST/Clinical and Laboratory Standards Institute (CLSI) standard.

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Note : , , ,

Department of Hematology

Collection DateTime: 25-Apr-2025 15:01

Reporting DateTime: 26-Apr-2025 04:42

Blood C/E (Complete, CBC)

Test	Reference Value	Unit	7335-25-04 25-Apr-2025 15:01
Hb	10 - 14	g/dl	11.8
Total RBC	4 - 5.3	x10 ¹² /l	4.6
HCT	33 - 43	%	35
MCV	76 - 90	fl	77
MCH	25 - 31	pg	26
MCHC	30 - 35	g/dl	34
RDW CV %	11.5 - 14.5	%	13
Platelet Count	150 - 450	x10 ⁹ /l	416
MPV fl	7 - 11	fl	9.5
WBC Count (TLC)	5 - 15	x10 ⁹ /l	24.4
Neutrophils	30.0 - 50.0	%	76.8
Lymphocytes	46.0 - 55.0	%	12.6
Monocytes	Less Than 5.0	%	10.2
Eosinophils	Less Than 3.0	%	0.1
Basophils	Less Than 1.0	%	0.3
Abs. Neutrophils	2.00 - 7.00	x10 ⁹ /l	18.77
Abs. Lymphocytes	1.00 - 3.00	x10 ⁹ /l	3.07
Abs. Monocytes	0.20 - 1.00	x10 ⁹ /l	2.50
Abs. Eosinophils	0.02 - 0.50	x10 ⁹ /l	0.03

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Department of Hematology

Collection DateTime: 25-Apr-2025 15:01

Reporting DateTime: 26-Apr-2025 04:42

Test	Reference Value	Unit	7335-25-04 25-Apr-2025 15:01
Abs. Basophils	0.02 - 0.10	x10 ⁹ /l	0.07

RBC Morphology:

Normocytic Normochromic

WBC Morphology:

White blood cells show leukocytosis. No atypical cells are seen

Platelet Morphology:

Adequate with normal morphology

Remarks:

Infection?

Advised:

C-reactive protein, Clinical correlation.

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