



Name : **MASTER. GURU PRASAD**
 Age/Gender : **2YEARS/MALE**
 Sample Type : **WB EDTA**
 Ref By : **DR.GOVIND SINGH**
 TypedBy : Noor Amin Ansari

Bill Number : **M4681**
 Bill Date : 11-Aug-2024 11:24 AM
 Sample Collection : 11-Aug-2024 11:24 AM
 Sample Received : 11-Aug-2024 11:25 AM
 Reporting Date : 11-Aug-2024 06:31 PM

COMPLETE BLOOD PICTURE (CBP)

INVESTIGATION	RESULT	UNITS	NORMAL RANGE
HAEMOGRAM			
HAEMOGLOBIN (Method: Cell Counter)	9.4	gm/dL	13 - 18
RBC Count (Method: Cell Counter)	3.7	Millions/Cumm	3.8 - 4.8
WBC Count (Method: Cell Counter)	6,300	Cells/Cumm	4,000 - 11,000
RDW	16.6	%	11.0 - 16.0
DIFFERENTIAL COUNT			
NEUTROPHILS (Method: Cell Counter)	43	%	40 - 75
LYMPHOCYTES (Method: Cell Counter)	51	%	20 - 40
EOSINOPHILS (Method: Cell Counter)	03	%	01 - 06
MONOCYTES (Method: Cell Counter)	03	%	02 - 10
BASOPHILS (Method: Cell Counter)	00	%	00 - 00
PCV (Haematocrit) (Method: Cell Counter)	28	%	35 - 45
MCV (Method: Cell Counter)	75	FL	83 - 101
MCH (Method: Cell Counter)	27	PG	27 - 32
MCHC (Method: Cell Counter)	36	%	32 - 35
PLATELET COUNT (Method: Cell Counter)	1.74	Lakhs/Cumm	1.5 - 4.5
PERIPHERAL SMEAR			
RBCs	MICROCYTIC HYPOCHROMIC		
WBCs	LYMPHOCYTOSIS		



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PLATELETS

ADEQUATE

Sugessted Clinical Correlation If necesarry Kindly Discuss.

-----End of the Report-----

Authorized Signatory



LAB INCHARGE



Name : MASTER. GURU PRASAD
Age/Gender : 2YEARS/MALE
Sample Type : Citrate Blood
Reff By : DR.GOVIND SINGH
TypedBy : Noor Amin Ansari

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ERYTHROCYTE SEDIMENTATION RATE(ESR)

INVESTIGATION

FIRST HOUR
(Method: Westergrens)

RESULT

28

UNITS

mm/hr

NORMAL RANGE

1 - 50 YRS < 10 mm/hr
51 - 60 YRS < 12 mm/hr
61 - 70 yrs < 14 mm/hr
> 70 yrs < 30 mm/hr

Method: Westergren

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RAPID MALARIA TEST (PV PF)

INVESTIGATION	RESULT	NORMAL RANGE
MALARIAL PARASITE PLASMODIUM VIVAX(P.V) (Method: Immunochromotography)	NEGATIVE	NEGATIVE
MALARIAL PARASITE PLASMODIUM FALCIPARUM(PF) (Method: Immunochromotography)	NEGATIVE	NEGATIVE
Method: Immunochromotography		

Note :

1. This test detects P.falciparum and P.Vivax Malarial antigens targeted by highly specific monoclonal antibodies of pLDH and Aldolase respectively.
2. Sensitivity and Specificity of this test are 98.2% &99.6% for P.falciparum and 91.8% &99.6% for P.Vivax detection.
3. This kit can provide fast and easy way to get a result, but do not completely exclude the possibility of false positive or false negative result caused by various factors.

-----End of the Report-----

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LAB INCHARGE



Name : **MASTER. GURU PRASAD**
 Age/Gender : **2YEARS/MALE**
 Sample Type : **SERUM**
 Ref By : **DR.GOVIND SINGH**
 TypedBy : Noor Amin Ansari

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SERUM BILIRUBIN(TSB)

INVESTIGATION

RESULT

UNITS

NORMAL RANGE

Total Bilirubin
(Method: Modified Jendrassik)

0.9

mg/dl

Adults : 0.4 - 1.2
 Children:
 FULL TERM:
 Cord : Upto 2.0
 0-1 day: 2.0 - 6.0
 1-2 days: 6.0 - 10.0
 3-5 days: 4.0 - 8.0
 PREMATURE:
 Cord : Upto 2.0
 0-1 day: 1.0 - 8.0
 1-2 days: 6.0 - 12.0
 3-5 days: 10.0 - 14.0

Direct Bilirubin
(Method: Modified Jendrassik)

0.2

mg/dl

Up to 0.25

Indirect Bilirubin
(Method: Calculated)

0.7

mg/dl

up to 1

Elevation in serum unconjugated bilirubin levels occur in haemolytic jaundice due to excessive haemolysis.B). Hepatic jaundice is associated with increase in both conjugated and unconjugated bilirubin in serum. Ref for BRI : Carl.A.Burtis, David.E.Burn et.al Tietz Fundamentals of Clinical Chemistry and Molecular Diagnostics. 7th ed.. page No. 955

-----End of the Report-----

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LAB INCHARGE



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Sample Type : SERUM
Reff By : DR.GOVIND SINGH
TypedBy : Noor Amin Ansari

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WIDAL

INVESTIGATION

RESULT

SALMONELLA TYPHI' O '	1 in 80 DILUTION
SALMONELLA TYPI' H '	1 in 40 DILUTION
SALMONELLA PARA TYPHI' AH'	1 in 20 DILUTION
SALMONELLA PARA TYPHI' BH'	1 in 20 DILUTION
BIOLOGICAL REFERENCE	1:80 and above titers considered as positive

Method: SEMI QUANTITAVE SLIDE AGGLUTINATION

Interpretation and Remarks:

- The Widal test is applied for the diagnosis of enteric fever that includes typhoid and paratyphoid caused by Salmonella? typhi and Salmonella paratyphi respectively.
- For the slide agglutination test, stained Salmonella antigens are used to detect the presence of specific agglutinin in the patient's serum.
- The slide agglutination test is used as a primary screening procedure.
- Widal test measures somatic O and flagellar H antibodies against Typhoid and Paratyphoid bacilli. The Agglutinins appears usually at the end of the first week of infection and increases steadily till third / fourth week after which the decline starts. A positive Widal test may occur because of typhoid vaccination or past typhoid infection and in certain autoimmune diseases. Nonspecific febrile disease may cause titre to increase. The test may be falsely negative in cases of Enteric fever treated with antibiotics in the early stages

Sugessted Clinical Correlation If necessary Kindly Discuss.

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C - REACTIVE PROTEINS (CRP)

INVESTIGATION	RESULT	UNITS	NORMAL RANGE
C – REACTIVE PROTEINS (Method: Immunoturbidimetry)	1.92	mg/L	0.0 - 6.0
INTERPRETAION	NEGATIVE		

Note :

- 1.The CRP test is a sensitive indicator of inflammatory processes.
- 2.The determination of the CRP level can be used in therapy control
- 3.As with all the diagnostic methods, the final diagnosis should not be based on the result of a single test, but on a correlation of test results with other clinical findings.
- 4.The strength of agglutination is not indicative of the CRP concentration in the samples tested.

Please Correlate With Clinical Findings If Necessary Discuss

-----End of the Report-----

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LAB INCHARGE



Name : **MASTER. GURU PRASAD**
 Age/Gender : **2YEARS/MALE**
 Sample Type : **URINE**
 Ref By : **DR.GOVIND SINGH**
 TypedBy : Noor Amin Ansari

Bill Number : **M4681**
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CUE(COMPLETE URINE EXAMINATION)

INVESTIGATION	RESULT	NORMAL RANGE
<u>PHYSICAL EXAMINATION</u>		
QUANTITY	20 ml	
COLOUR	PALE YELLOW	
APPEARANCE	SLIGHTLY TURBID	
REACTION (PH)	6.5	4.6 - 8.0
SPECIFIC GRAVITY	1.020	1.005 - 1.030
<u>CHEMICAL EXAMINATION</u>		
ALBUMIN	TRACE	NEGATIVE
SUGAR	NIL	NIL
UROBILINOGEN	NEGATIVE	NEGATIVE
BILE SALT	NEGATIVE	NEGATIVE
BILE PIGMENT	NEGATIVE	NEGATIVE
KETONE BODIES	NEGATIVE	NEGATIVE
<u>MICROSCOPIC EXAMINATION</u>		
PUS CELLS	4 - 5 / HPF	0 - 5 / HPF
RBC	NIL	NIL
EPETHILIAL CELLS	1 - 2 / HPF	0 - 5 / HPF
CRYSTALS	NIL	NIL
CASTS	NIL	NIL



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OTHERS

NIL

NIL

Method: Multi Reagent Strip / Chemical / Microscopy

-----End of the Report-----

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