Thyrocare

Tests you can trust

Name : xxxxxxxxxxxxxxxxx xxxxxxxxxxxxxxxxx

Date : xx xx xxxx

Test Asked : Jaanch - Winter Fever Panel Basic (Rapid)

Report Status: xxxxxxxxxxxxxxxxx



9 out of 10 Doctors trust that Thyrocare **reports are accurate & reliable***

98% Reports released within **06 Hours** of sample reaching the lab+

Samples Processed in **NABL Accredited** Labs#

700+ Tests & Profiles

Temperature-Controlled Sample Logistics

Unique Barcode Tracking & Reports with QR Code Verification

Fully Automated Machines Inspected Daily

Abnormal Values Re-Checked Twice

Reports Verified By Expert MD Pathologists Stationed at Every Lab

Accredited by

NABL From 2005#

ISO 9001: 2015 - From 2015

CAP From 2007

Dummy Report

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Thyrocare Technologies Limited, D-37/3, TTC MIDC, Turbhe, Navi Mumbai - 400703 98706 66333 wellness@thyrocare.com

*9 out of 10 Doctors Trust that Thyrocare Reports are **Accurate & Reliable***

NAME : XXXXXXXXXXXXXXXX
REF. BY : XXXXXXXXXXXXXXXX
TEST ASKED : JAANCH - WINTER FEVER PANEL BASIC (RAPID)

SAMPLE COLLECTED AT :
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

Report Availability Summary

Note: Please refer to the table below for status of your tests.

7 Ready | **0** Ready with Cancellation | **0** Processing | **0** Cancelled in Lab

TEST DETAILS	REPORT STATUS
JAANCH - WINTER FEVER PANEL BASIC (RAPID)	Ready
C-REACTIVE PROTEIN (CRP)	Ready
DENGUE NS1 ANTIGEN RAPID TEST	Ready
ERYTHROCYTE SEDIMENTATION RATE (ESR)	Ready
HEMOGRAM - 6 PART (DIFF)	Ready
MALARIAL ANTIGEN	Ready
CHIKUNGUNYA RAPID TEST (IGG/IGM)	Ready
SERUM SGOT-SGPT RATIO	Ready

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SAMPLE COLLECTED AT :
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

Summary Report

Tests outside reference range

TEST NAME	OBSERVED VALUE	UNITS	Bio. Ref. Interval.
CARDIAC RISK MARKERS			
C-REACTIVE PROTEIN (CRP)	8.47	mg/L	< 5
COMPLETE HEMOGRAM			
EOSINOPHILS	0.6	%	1-6
RED CELL DISTRIBUTION WIDTH (RDW-CV)	14.4	%	11.6-14
RED CELL DISTRIBUTION WIDTH - SD(RDW-SD)	48.2	fL	39-46
OTHER COUNTS			
ERYTHROCYTE SEDIMENTATION RATE (ESR)	34	mm / hr	0 - 15

Dummy Report

Disclaimer: The above listed is the summary of the parameters with values outside the BRI. For detailed report values, parameter correlation and clinical interpretation, kindly refer to the same in subsequent pages.

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NAME : XXXXXXXXXXXXXXXX
REF. BY : XXXXXXXXXXXXXXXX
TEST ASKED : ESR,HEMOGRAM,MALARIAL ANTIGEN

SAMPLE COLLECTED AT :
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS
ERYTHROCYTE SEDIMENTATION RATE (ESR)	**MODIFIED WESTERGREN**	**34**	**mm / hr**

Bio. Ref. Interval. :-

Male : 0-15
Female : 0-20

Please correlate with clinical conditions.
Method:- MODIFIED WESTERGREN

Dummy Report

Sample Collected on (SCT) : Sample collection time
Sample Received on (SRT) : Sample receiving time at Lab
Report Released on (RRT) : Report release time
Sample Type : EDTA Whole Blood
Labcode :
Barcode :

Doctor 1 Sign Doctor 2 Sign

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NAME : XXXXXXXXXXXXXXXX
REF. BY : XXXXXXXXXXXXXXXX
TEST ASKED : ESR,HEMOGRAM,MALARIAL ANTIGEN

SAMPLE COLLECTED AT :
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

TEST NAME	TECHNOLOGY	RESULT
PLASMODIUM FALCIPARUM	IMMUNOASSAY	NEGATIVE
Method : RAPID IMMUNOASSAY		
PLASMODIUM VIVAX	IMMUNOASSAY	NEGATIVE
Method : RAPID IMMUNOASSAY		

Please correlate with clinical conditions.

METHODOLOGY : RAPID CARD BASED ON THE PRINCIPLE OF IMMUNOCHROMATOGRAPHY

CLINICAL SIGNIFICANCE : Malaria is caused by four species of Plasmodium:- P. falciparum, P. Vivax, P. ovale & P.malariae. The disease results from the multiplication of malaria parasites within red blood cells of the host causing symptoms that typically include fever, headache, joint pain, vomiting, anemia, hemoglobinuria, retinal damage, convulsions, in severe cases progressing to coma and death. Rapid Test can be used as an aid in detection of specific antigen to Plasmodium vivax (Pv) PLDH and Plasmodium falciparum (Pf) HRP-2 in human whole blood.

SPECIFICATIONS : Sensitivity: For PfHRP-II: 98.5% & For PvLDH: 100% Specificity: For PfHRP-II: 99% & For PvLDH: 99%

KIT VALIDATION REFERENCE : Makler, M. et al (1993) Parasite lactate assay for Plasmodium falciparum drug sensitivity AmJ. Trop. Med. Hyg. 48(6), 739-741

Please correlate with clinical conditions.

Note : This is a screening test and a positive report does not confirm diagnosis. All positive cases should be verified by confirmatory methods

Dummy Report

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Report Released on (RRT) : Report release time
Sample Type : EDTA Whole Blood
Labcode :
Barcode :

Doctor 1 Sign

Doctor 2 Sign

NAME : XXXXXXXXXXXXXXXX
REF. BY : XXXXXXXXXXXXXXXX
TEST ASKED : ESR,HEMOGRAM,MALARIAL ANTIGEN

SAMPLE COLLECTED AT :
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

TEST NAME	METHODOLOGY	VALUE	UNITS	Bio. Ref. Interval.
HEMOGLOBIN	SLS-Hemoglobin Method	15.7	g/dL	13.0-17.0
Hematocrit (PCV)	CPH Detection	48.5	%	40.0-50.0
Total RBC	HF & EI	5.32	X 10^6/µL	4.5-5.5
Mean Corpuscular Volume (MCV)	Calculated	91.2	fL	83.0-101.0
Mean Corpuscular Hemoglobin (MCH)	Calculated	29.5	pq	27.0-32.0
Mean Corp.Hemo. Conc (MCHC)	Calculated	32.4	g/dL	31.5-34.5
Red Cell Distribution Width - SD (RDW-SD)	**Calculated**	**48.2**	**fL**	**39-46**
Red Cell Distribution Width (RDW - CV)	**Calculated**	**14.4**	**%**	**11.6-14**
RED CELL DISTRIBUTION WIDTH INDEX (RDWI)	Calculated	246.9	-	*Refer Note below
MENTZER INDEX	Calculated	17.1	-	*Refer Note below
TOTAL LEUCOCYTE COUNT (WBC)	HF & FC	5.29	X 10³ / µL	4.0 - 10.0
DIFFERENTIAL LEUCOCYTE COUNT				
Neutrophils Percentage	Flow Cytometry	68.7	%	40-80
Lymphocytes Percentage	Flow Cytometry	24.2	%	20-40
Monocytes Percentage	Flow Cytometry	5.9	%	2-10
Eosinophils Percentage	**Flow Cytometry**	**0.6**	**%**	**1-6**
Basophils Percentage	Flow Cytometry	0.4	%	0-2
Immature Granulocyte Percentage (IG%)	Flow Cytometry	0.2	%	0-0.5
Nucleated Red Blood Cells %	Flow Cytometry	0.01	%	0.0-5.0
ABSOLUTE LEUCOCYTE COUNT				
Neutrophils - Absolute Count	Calculated	3.63	X 10³ / µL	2.0-7.0
Lymphocytes - Absolute Count	Calculated	1.28	X 10³ / µL	1.0-3.0
Monocytes - Absolute Count	Calculated	0.31	X 10³ / µL	0.2 - 1.0
Basophils - Absolute Count	Calculated	0.02	X 10³ / µL	0.02 - 0.1
Eosinophils - Absolute Count	Calculated	0.03	X 10³ / µL	0.02 - 0.5
Immature Granulocytes (IG)	Calculated	0.01	X 10³ / µL	0-0.3
Nucleated Red Blood Cells	Calculated	0.01	X 10³ / µL	0.0-0.5
PLATELET COUNT	HF & EI	197	X 10³ / µL	150-410
Mean Platelet Volume (MPV)	Calculated	11.1	fL	6.5-12
Platelet Distribution Width (PDW)	Calculated	12.6	fL	9.6-15.2
Platelet to Large Cell Ratio (PLCR)	Calculated	33.3	%	19.7-42.4
Plateletcrit (PCT)	Calculated	0.22	%	0.19-0.39

Remarks : Alert!!! Predominantly normocytic normochromic with ovalocytes. Platelets:Appear adequate in smear.

***Note - Mentzer index (MI), RDW-CV and RDWI are hematological indices to differentiate between Iron Deficiency Anemia (IDA) and Beta Thalassemia Trait (BTT). MI >13, RDWI >220 and RDW-CV >14 more likely to be IDA. MI <13, RDWI <220, and RDW-CV <14 more likely to be BTT. Suggested Clinical correlation. BTT to be confirmed with HB electrophoresis if clinically indicated.**

Method : Fully automated bidirectional analyser (6 Part Differential SYSMEX XN-1000)

(Reference : *FC- flowcytometry, *HF- hydrodynamic focussing, *EI- Electric Impedence, *Hb- hemoglobin, *CPH- Cumulative pulse height**)**

Dummy Report

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Sample Type : EDTA Whole Blood
Labcode :
Barcode :

Doctor 1 Sign

Doctor 2 Sign

NAME : XXXXXXXXXXXXXXXX
REF. BY : XXXXXXXXXXXXXXXX
TEST ASKED : JAANCH - WINTER FEVER PANEL BASIC (RAPID)

SAMPLE COLLECTED AT :
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS
C-REACTIVE PROTEIN (CRP)	**IMMUNOTURBIDIMETRY**	**8.47**	**mg/L**

Bio. Ref. Interval. :-

Acute phase determination : < 5 mg/L

Clinical Significance:
It's a protein present in the sera of acutely ill patients that bound cell wall C-polysaccharide of streptococcus pneumoniae and agglutinates the organisms. CRP is one of the strongest acute -phase reactants, with plasma concentrations rising up after myocardial infarction, stress, trauma, infection, inflammation, surgery, or neoplastic proliferation.

Concentrations >5 mg/L suggest the presence of an infection or inflammatory process. Concentrations are generally higher in bacterial than viral infection. The increase in peak is proportional to tissue damage. Determination of CRP is clinically useful to screen activity of inflammatory diseases such as rheumatoid arthritis; SLE;Leukemia;after surgery;to detect rejection in renal allograft recipients;to detect neonatal septicemia and meningitis. However, it is a nonspecific marker and cannot be interpreted without other clinical information.

Reference:
Tietz Textbook of clinical chemistry and molecular diagnosis fifth edition chapter 21 P538-539

Please correlate with clinical conditions.
Method:- FULLY AUTOMATED LATEX AGGLUTINATION – BECKMAN COULTER

Dummy Report

Sample Collected on (SCT) : Sample collection time
Sample Received on (SRT) : Sample receiving time at Lab
Report Released on (RRT) : Report release time
Sample Type : SERUM
Labcode :
Barcode :

Doctor 1 Sign Doctor 2 Sign

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TEST ASKED : JAANCH - WINTER FEVER PANEL BASIC (RAPID)

SAMPLE COLLECTED AT :
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE
DENGUE NS1 ANTIGEN RAPID TEST	IMMUNOASSAY	NEGATIVE

Positive : Presence of Dengue Ns1 Antigen
Negative : Absence of Dengue Ns1 Antigen

Clinical Significance :
1. This is a screening and Qualitative test and a positive report does not confirm diagnosis. All positive cases should be verified by confirmatorymethods like ELISA.
2. A false negative test can be seen in early course of the disease
3. The tests should be interpreted in conjunction with patient's clinical history and other findings
4. All positive tests should be reconfirmed after 7-10 days of fever onset with Dengue IgG and IgM test
5. Dengue NS1 antigen can be detected in first five days of fever.

Sensitivity : 92.9% ; Specificity : 98.7%

References :
Dengue Guidelines for Diagnosis and treatment, prevention and control. WHO . New edition 2009"

Note: This is a screening test and a positive report does not confirm diagnosis. All positive cases should be verified by confirmatory methods.

Please correlate with clinical conditions.
Method:- RAPID IMMUNOCHROMATOGRAPHIC ASSAY

Dummy Report

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Report Released on (RRT) : Report release time
Sample Type : SERUM
Labcode :
Barcode :

Doctor 1 Sign Doctor 2 Sign

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REF. BY : XXXXXXXXXXXXXXXX
TEST ASKED : JAANCH - WINTER FEVER PANEL BASIC (RAPID)

SAMPLE COLLECTED AT :
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS
CHIKUNGUNYA - IGG RAPID TEST	IMMUNOASSAY	NEGATIVE	
Method : LATERAL FLOW IMMUNOASSAY			
CHIKUNGUNYA - IGM RAPID TEST	IMMUNOASSAY	NEGATIVE	
Method : LATERAL FLOW IMMUNOASSAY			

Please correlate with clinical conditions.

Note : This is a screening test and a positive report does not confirm diagnosis. All positive cases should be verified by confirmatory methods

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Doctor 2 Sign

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TEST ASKED : JAANCH - WINTER FEVER PANEL BASIC (RAPID)

SAMPLE COLLECTED AT :
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS	Bio. Ref. Interval.
ASPARTATE AMINOTRANSFERASE (SGOT)	PHOTOMETRY	30.57	U/L	< 35
ALANINE TRANSAMINASE (SGPT)	PHOTOMETRY	28.22	U/L	< 45
SGOT / SGPT RATIO	CALCULATED	1.08	Ratio	< 2

Please correlate with clinical conditions.

Method :

SGOT - IFCC* Without Pyridoxal Phosphate Activation
SGPT - IFCC* Without Pyridoxal Phosphate Activation
OT/PT - Derived from SGOT and SGPT values.

~~ End of report ~~

Dummy Report

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Report Released on (RRT) : Report release time
Sample Type : SERUM
Labcode :
Barcode :

Doctor 1 Sign

Doctor 2 Sign

CONDITIONS OF REPORTING

- The reported results are for information and interpretation of the referring doctor only.
- It is presumed that the tests performed on the specimen belong to the patient; named or identified.
- Results of tests may vary from laboratory to laboratory and also in some parameters from time to time for the same patient.
- Should the results indicate an unexpected abnormality, the same should be reconfirmed.
- Only such medical professionals who understand reporting units, reference ranges and limitations of technologies should interpret results.
- This report is not valid for medico-legal purpose.
- Neither Thyrocare, nor its employees/representatives assume: (a) any liability, responsibility for any loss or damage that may be incurred by any person as a result of presuming the meaning or contents of the report, (b) any claims of any nature whatsoever arising from or relating to the performance of the requested tests as well as any claim for indirect, incidental or consequential damages. The total liability, in any case, of Thyrocare shall not exceed the total amount of invoice for the services provided and paid for.
- Thyrocare Discovery video link :- https://youtu.be/nbdYeRgYyQc

EXPLANATIONS

- Majority of the specimen processed in the laboratory are collected by Pathologists and Hospitals we call them as "Clients".
- **Name** - The name is as declared by the client and recored by the personnel who collected the specimen.
- **Ref.Dr** - The name of the doctor who has recommended testing as declared by the client.
- **Labcode** - This is the accession number in our laboratory and it helps us in archiving and retrieving the data.
- **Barcode** - This is the specimen identity number and it states that the results are for the specimen bearing the barcode (irrespective of the name).
- **SCP** - Specimen Collection Point - This is the location where the blood or specimen was collected as declared by the client.
- **SCT** - Specimen Collection Time - The time when specimen was collected as declared by the client.
- **SRT** - Specimen Receiving Time - This time when the specimen reached our laboratory.
- **RRT** - Report Releasing Time - The time when our pathologist has released the values for Reporting.
- **Reference Range** - Means the range of values in which 95% of the normal population would fall.

SUGGESTIONS

- Values out of reference range requires reconfirmation before starting any medical treatment.
- Retesting is needed if you suspect any quality shortcomings.
- Testing or retesting should be done in accredited laboratories.
- For suggestions, complaints, clinical support or feedback, write to us at **customersupport@thyrocare.com** or call us on **022-3090 0000**





*+T&C Apply, # Upto 95% Samples in NABL Accredited Labs, * As per a survey on doctors' perception of laboratory diagnostics (IJARIIT,2023)*