Thyrocare

Tests you can trust

Name : XXXXXXXX XXXXXXXXXXXX

Date : XX XX XXXX

Test Asked : Aarogyam Stree - Package

Report Status : Complete Report

100% NABL ACCREDITATION

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to have **100% of its Labs with NABL Accreditation***



Accredited by

NABL From 2005# | ISO 9001: 2015 – From 2015 | CAP From 2011^

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

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

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Patient Name	: XXXXXXXXXXXXXX	Tests Done	: AAROGYAM STREE - PACKAGE
Referred By	: XXXXXXXXXXXXXX		
Address	: XXXXXXXXXXXXXX		

Report Availability Summary

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

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

TEST DETAILS	REPORT STATUS
AAROGYAM STREE - PACKAGE	Ready
CA-125	Ready
CARCINO EMBRYONIC ANTIGEN (CEA)	Ready
CHLORIDE	Ready
25-OH VITAMIN D (TOTAL)	Ready
ESTRADIOL/OESTROGEN (E2)	Ready
FOLATE	Ready
FOLLICLE STIMULATING HORMONE (FSH)	Ready
FREE TRIIODOTHYRONINE (FT3)	Ready
FREE THYROXINE (FT4)	Ready
HOMOCYSTEINE	Ready
HIGH SENSITIVITY C-REACTIVE PROTEIN (HS-CRP)	Ready
LUTEINISING HORMONE (LH)	Ready
Lipoprotein (a) [Lp(a)]	Ready
MAGNESIUM	Ready
PHOSPHOROUS	Ready
PROLACTIN (PRL)	Ready
SODIUM	Ready
TSH - ULTRASENSITIVE	Ready
VITAMIN B-12	Ready
COMPLETE URINE ANALYSIS	Ready
HBA PROFILE	Ready
HEMOGRAM - 6 PART (DIFF)	Ready

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Patient Name	: XXXXXXXXXXXXXX	Tests Done	: AAROGYAM STREE - PACKAGE
Referred By	: XXXXXXXXXXXXXX		
Address	: XXXXXXXXXXXXXX		

Report Availability Summary

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

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

TEST DETAILS	REPORT STATUS
ANTI CCP (ACCP)	Ready
LIVER FUNCTION TESTS	Ready
IRON DEFICIENCY PROFILE	Ready
KIDPRO	Ready
LIPID PROFILE	Ready
APOLIPROTEIN RATIO	Ready
ANTI NUCLEAR ANTIBODIES (ANA)	Ready

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Patient Name	: XXXXXXXXXXXXXX	Tests Done	: AAROGYAM STREE - PACKAGE
Referred By	: XXXXXXXXXXXXXX		
Address	: XXXXXXXXXXXXXX		

Tests Outside Reference Range

Note: Please refer to the table below for tests outside reference range.

Test Name	Observed Value	Units	Bio. Ref. Interval
ARTHRITIS			
ANTI NUCLEAR ANTIBODIES (ANA)	**14.87**	OD Ratio	0.001-0.90
COMPLETE HEMOGRAM			
HEMATOCRIT(PCV)	**33.6**	%	40.0-50.0
HEMOGLOBIN	**10.4**	g/dL	13.0-17.0
LYMPHOCYTE	**17.4**	%	20-40
MEAN CORP.HEMO.CONC(MCHC)	**31**	g/dL	31.5-34.5
MEAN CORPUSCULAR HEMOGLOBIN(MCH)	**26.8**	pq	27.0-32.0
RED CELL DISTRIBUTION WIDTH (RDW-CV)	**15.4**	%	11.6-14
RED CELL DISTRIBUTION WIDTH - SD(RDW-SD)	**48.9**	fL	39-46
TOTAL RBC	**3.88**	X 10^6/µL	4.5-5.5
COMPLETE URINE ANALYSIS			
SPECIFIC GRAVITY	**< 1.003**	-	1.003-1.030
INFERTILITY			
LUTEINISING HORMONE (LH)	**15.9**	mIU/mL	Refer Routine Report
LIPID			
LDL / HDL RATIO	**0.9**	Ratio	1.5-3.5
TC/ HDL CHOLESTEROL RATIO	**2.2**	Ratio	3 - 5
PREGNANCY			
ESTRADIOL/OESTROGEN (E2)	**100**	pg/mL	Refer Report for BRI
RENAL			
CREATININE - SERUM	**0.7**	mg/dL	0.72-1.18
VITAMIN			
25-OH VITAMIN D (TOTAL)	**11.62**	ng/mL	30-100
VITAMIN B-12	**981**	pg/mL	211-911

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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Patient Name	: XXXXXXXXXXXXXX	Sample Collected on (SCT)	: XXXXXXXXXXXX
Referred By	: XXXXXXXXXXXXXX	Sample Received on (SRT)	: XXXXXXXXXXXX
Address	: XXXXXXXXXXXXXX	Report Released on (RRT)	: XXXXXXXXXXXX
		Sample Type | Barcode	: XXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS
ANTI CCP (ACCP)	C.M.I.A	3.33	U/mL

Reference Range :-

BRI	Interpretation
Negative < 5	Absence of IgG autoantibodies to cyclic citrullinated peptides (CCP)
Positive ≥ 5	Presence of IgG autoantibodies to cyclic citrullinated peptides (CCP)

Clinical Significance :

1. Anti-Cyclic-Citrullinated-Peptide (Anti-CCP) titre is used for diagnosis and monitoring of Rheumatoid Arthritis (RA).
2. RA is one of the most common systemic autoimmune diseases characterised by chronic inflammation of the synovial joints and progressive joint degeneration eventually leading to disability of affected individuals.
3. The diagnosis of RA often relies on clinical manifestations and certain non-specific laboratory tests such as rheumatoid factor (RF) and C-reactive protein (CRP), which may be present in healthy elderly persons or in patients with other autoimmune and infectious diseases.
4. Whereas, Anti-Cyclic-Citrullinated-Peptide (Anti-CCP) Antibodies hold promise for early and more accurate detection of Rheumatoid Arthritis before the disease proceeds into irreversible damage.
5. Interference with pathologic levels of nonspecific IgG can not be excluded.
6. The anti-CCP test results can be false negative in patients with hypergammaglobulinemia. Results from patients suffering from this disorder should not be used for diagnostic purposes.
7. Heterophile antibodies may interfere with the test results.
8. If results are inconsistent with clinical history additional testing is suggested to confirm the results.
9. Some specimens may not dilute linearly because of heterogeneity of autoantibodies with respect to physicochemical properties.
10. HAMA (Human Anti mouse antibodies) may also interfere with the results.
11. For diagnostic purposes, the results should always be assessed in conjunction with the patient's medical history, clinical examination and other findings.

References:

- Anti-CCP Reagent Kit Insert
- Feldmann M, Brennan FM, Maini RN. Rheumatoid arthritis.Cell 1996;85:307-3102.
- Landewé RB. The benefits of early treatment in rheumatoid arthritis:confounding by indication, and the issue of timing. Arthritis Rheum 2003;48(1):1-5.

Please correlate with clinical conditions.

Method:- Fully Automated ChemiLuminescent Microparticle Immunoassay (C.M.I.A)

Tests Done : AAROGYAM STREE - PACKAGE

Report Remarks :

Doctor 1 Sign **Doctor 2 Sign**

Scan QR to verify(valid for 30 daysfrom release time)

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Referred By	: XXXXXXXXXXXXXX	Sample Received on (SRT)	: XXXXXXXXXXXX
Address	: XXXXXXXXXXXXXX	Report Released on (RRT)	: XXXXXXXXXXXX
		Sample Type | Barcode	: XXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS
HOMOCYSTEINE	PHOTOMETRY	< 15	µmol/L

Bio. Ref. Interval. :-

Normal Levels : <15 µmol/L
Mild Hyperhomocysteinemia : 15-30 µmol/L
Moderate Hyperhomocysteinemia : 30-100 µmol/L
Severe Hyperhomocysteinemia : >100 µmol/L

Clinical Significance:
Homocysteine is linked to increased risk of premature coronary artery disease, stroke and thromboembolism. Moreover, alzheimers disease, osteoporosis, venous thrombosis, schizophrenia, cognitive deficiency and pregnancy complications also elevates Homocysteine levels. The results should be interpreted in conjunction with clinical history and other findings.

High Values:
Elevated homocysteine levels might be due to increasing age, genetic traits, drugs, renal dysfunction and dietary deficiency of vitamins or smoking. To lower your homocysteine, eat more green vegetables, stop smoking, alcohol. Folic acid helps lowering elevated levels.

Specifications:
Kit Validation Reference:
Eikelboom JW, et al Ann Intern Med 131 : 363-75 (1999)
https://www.healthline.com/health/homocysteine-levels

Please correlate with clinical conditions.

Method:- SMALL MOLECULE CAPTURE TECHNOLOGY (SMT)

Tests Done : AAROGYAM STREE - PACKAGE

Report Remarks :

Doctor 1 Sign

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Patient Name	: XXXXXXXXXXXXXX	Sample Collected on (SCT)	: XXXXXXXXXXXX
Referred By	: XXXXXXXXXXXXXX	Sample Received on (SRT)	: XXXXXXXXXXXX
Address	: XXXXXXXXXXXXXX	Report Released on (RRT)	: XXXXXXXXXXXX
		Sample Type | Barcode	: XXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS
CA-125	C.L.I.A	< 17.5	U/mL

Bio. Ref. Interval. :-

Less than 30.2 U/ml

Clinical Significance:

CA-125 is used to monitor therapy during treatment for Ovarian Cancer. CA125 is also to detect or monitor whether there is a recurrence of cancer or malignancy after surgical removal of tumor or radiation therapy or chemotherapy (antineoplastic drugs). This test is sometimes used to follow High-Risk women who have a family history of Ovarian Cancer. CA-125 may normally be increased in early pregnancy and during menstruation. It can also be increased in diseases such as Pelvic Inflammatory Disease or Endometriosis and sometimes in Hepatitis and Cirrhosis of the liver.

Specifications:

Precision: Intra Assay (%CV): 4.3 %, Inter Assay (%CV): 2.5%; Sensitivity: 2.0 U/ml

Kit Validation References:

Mackey SE, Creasman WT. Ovarian Cancer Screening. J. Clin Oncol 1995; 13(3); 783 - 93.

Please correlate with clinical conditions.

Method:- TWO SITE SANDWICH IMMUNOASSAY

Tests Done : AAROGYAM STREE - PACKAGE

Report Remarks :

Doctor 1 Sign **Doctor 2 Sign**

Patient Name	: XXXXXXXXXXXXXX	Sample Collected on (SCT)	: XXXXXXXXXXXX
Referred By	: XXXXXXXXXXXXXX	Sample Received on (SRT)	: XXXXXXXXXXXX
Address	: XXXXXXXXXXXXXX	Report Released on (RRT)	: XXXXXXXXXXXX
		Sample Type | Barcode	: XXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS
CARCINO EMBRYONIC ANTIGEN (CEA)	C.L.I.A	< 1.25	ng/mL

Bio. Ref. Interval. :-

Non-Smokers : < 2.50 ng/mL
Smokers : < 5.00 ng/mL

Clinical Significance :

CEA is often used to monitor patients with cancers of the gastrointestinal tract (GI). Increased CEA levels can indicate some Non-Cancer related conditions, Such as some forms of inflammation, Cirrhosis, and Peptic Ulcer. Also, Smokers tend to have Higher CEA levels than Non-Smokers. When cancer spreads to other organs, CEA levels rise and may be present in other types of bodily fluids besides blood.

For Diagnostic Purpose, Results should always be assessed in Conjunction with the patients medical history, clinical examination and other findings.

Specifications:

Precision: Intra Assay (%CV): 3.6 %, Inter Assay (%CV): 4.1 %; Sensitivity: 0.5 ng/ml

Kit Validation References:

Statland Be, Winkel P. Neoplasia. In: Kaplan LA, Resc AJ, Editors. Clinical Chemistry, Theory, Analysis and Correlation. 2nd Ed. St. Louis: Cv Mosby, 1988.p 734-5.

Please correlate with clinical conditions.
Method:- FULLY AUTOMATED TWO STEP SANDWICH IMMUNOASSAY

Tests Done : AAROGYAM STREE - PACKAGE

Report Remarks :

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Patient Name	: XXXXXXXXXXXXXX	Sample Collected on (SCT)	: XXXXXXXXXXXX
Referred By	: XXXXXXXXXXXXXX	Sample Received on (SRT)	: XXXXXXXXXXXX
Address	: XXXXXXXXXXXXXX	Report Released on (RRT)	: XXXXXXXXXXXX
		Sample Type | Barcode	: XXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS
25-OH VITAMIN D (TOTAL)	**C.L.I.A**	**11.62**	**ng/mL**
Bio. Ref. Interval. :-			

DEFICIENCY : <20 ng/ml || INSUFFICIENCY : 20-<30 ng/ml
SUFFICIENCY : 30-100 ng/ml || TOXICITY : >100 ng/ml

Clinical Significance:

Vitamin D is a fat soluble vitamin that has been known to help the body absorb and retain calcium and phosphorous; both are critical for building bone health. Decrease in vitamin D total levels indicate inadequate exposure of sunlight, dietary deficiency, nephrotic syndrome. Increase in vitamin D total levels indicate Vitamin D intoxication.

Specifications: Precision: Intra assay (%CV):5.3%, Inter assay (%CV):11.9% ; Sensitivity:3.2 ng/ml.

Kit Validation Reference: Holick MF. Vitamin D Deficiency. N Engl J Med. 2007;357:266-81.

Please correlate with clinical conditions.

Method:- Fully Automated Chemi Luminescent Immuno Assay

Tests Done : AAROGYAM STREE - PACKAGE

Report Remarks :

Doctor 1 Sign **Doctor 2 Sign**

Patient Name	: XXXXXXXXXXXXXX	Sample Collected on (SCT)	: XXXXXXXXXXXX
Referred By	: XXXXXXXXXXXXXX	Sample Received on (SRT)	: XXXXXXXXXXXX
Address	: XXXXXXXXXXXXXX	Report Released on (RRT)	: XXXXXXXXXXXX
		Sample Type | Barcode	: XXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS
ESTRADIOL/OESTROGEN (E2)	**C.M.I.A**	**100**	**pg/mL**

Bio. Ref. Interval. :-

Males : 11 - 44 pg/mL

Normal Menstruating Females ;
Follicular Phase : 21 - 251 pg/mL
Mid-Cycle Phase : 38 - 649 pg/mL
Luteal Phase : 21 - 312 pg/mL

Postmenopausal
Females not on HRT: < 10 - 28 pg/mL
Female on HRT : < 10 - 144 pg/mL

Clinical Significance: During the early follicular phase, The Estradiol level is relatively constant and low. By day seven, The dominant follicle is established and the Estradiol level rises significantly. The elevated Estradiol level suppresses the FSH level by negative feedback on the Hypothalamus and Pituitary gland and triggers a rapid rise of LH. Elevated Estradiol levels in females may also result from primary or secondary ovarian hyperfunction. Very high Estradiol levels are found during the induction of ovulation for assisted reproduction therapy or in pregnancy. Decreased Estradiol levels in females may result from either the lack of ovarian synthesis or a lesion in the Hypothalamus-Pituitary Axis.

Specification: Precision: Intra assay (%CV): 6.4, Inter assay (%CV):7.4,Sensitivity: <=10 pg/mL.

Kit Validation References: Muse K, Wilson EA. Monitoring ovulation induction: use of biochemical and biophysical parameters. Sem Reproduct Endocrinol 1986;4(3):301-9

Please correlate with clinical conditions.
Method:- SANDWHICH ELECTROCHEMILUMINESCENCE IMMUNOASSAY

Tests Done : AAROGYAM STREE - PACKAGE

Report Remarks :

Doctor 1 Sign

Doctor 2 Sign

Patient Name	: XXXXXXXXXXXXXX	Sample Collected on (SCT)	: XXXXXXXXXXXX
Referred By	: XXXXXXXXXXXXXX	Sample Received on (SRT)	: XXXXXXXXXXXX
Address	: XXXXXXXXXXXXXX	Report Released on (RRT)	: XXXXXXXXXXXX
		Sample Type | Barcode	: XXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS
APOLIPOPROTEIN - A1 (APO-A1)	IMMUNOTURBIDIMETRY	< 119	mg/dL

Bio. Ref. Interval. :
Male : 86 - 152
Female : 94 - 162

Method : FULLY AUTOMATED RATE IMMUNOTURBIDIMETRY – BECKMAN COULTER

APOLIPOPROTEIN - B (APO-B)	IMMUNOTURBIDIMETRY	< 101	mg/dL

Bio. Ref. Interval. :
Male : 56 - 145
Female : 53 - 138

Method : FULLY AUTOMATED RATE IMMUNOTURBIDIMETRY – BECKMAN COULTER

APO B / APO A1 RATIO (APO B/A1)	CALCULATED	0.8	Ratio

Bio. Ref. Interval. :

Male : 0.40 - 1.26
Female : 0.38 - 1.14

Clinical Significance :

- Apolipoprotein B is a more potent and independent predictor of Coronary artery disease (CAD) than LDL Cholesterol.
- Apolipoprotein A1 is one of the apoproteins of HDL and is inversely related to risk of CAD.
- The Apolipoprotein studies help in monitoring risk of restenosis in patients with myocardial infarction, Coronary bypass surgery etc.
- An increased ratio of Apo B to A1 beyond the defined normal range is indicative of CAD risk.
- All results have to be interpreted in Conjunction with clinical history and other findings.

Method : Derived from serum Apo A1 and Apo B values

Please correlate with clinical conditions.

Tests Done : AAROGYAM STREE - PACKAGE

Report Remarks :

Doctor 1 Sign **Doctor 2 Sign**

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Patient Name	: XXXXXXXXXXXXXX	Sample Collected on (SCT)	: XXXXXXXXXXXX
Referred By	: XXXXXXXXXXXXXX	Sample Received on (SRT)	: XXXXXXXXXXXX
Address	: XXXXXXXXXXXXXX	Report Released on (RRT)	: XXXXXXXXXXXX
		Sample Type | Barcode	: XXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS
ANTI NUCLEAR ANTIBODIES (ANA)	**E.L.I.S.A**	**14.87**	**OD Ratio**

Bio. Ref. Interval. :

Negative: <0.90
Equivocal : 0.90 - 1.10
Positive: >1.11

Clinical Significance:
Anti-nuclear antibodies (ANA) are autoantibodies directed against nuclear components and are commonly associated with autoimmune diseases such as systemic lupus erythematosus (SLE), mixed connective tissue disease (MCTD), systemic sclerosis, Sjögren's syndrome, and rheumatoid arthritis.

However, ANA positivity is not specific to any one condition and may also be seen in healthy individuals, especially the elderly, or in cases of infections, malignancies, or drug-induced autoimmunity.

Equivocal results may require repeat testing or additional evaluation with specific antibody panels (e.g., anti-Sm, anti-RNP, anti-Ro, anti-La) for diagnostic clarification. A negative ANA test does not completely rule out autoimmune disease, particularly in early stages or when non-ANA-specific autoantibodies are involved. The final diagnosis should be made by the physician based on the overall clinical picture and appropriate correlation with additional investigations.

Note: Hemolysis, lipemia, icterus, microbial contamination, high-dose biotin, or heterophile antibodies may interfere with test accuracy and may lead to false-positive or false-negative results.

Method : INDIRECT SOLID PHASE IMMUNOASSAY

Please correlate with clinical conditions.

Tests Done : AAROGYAM STREE - PACKAGE

Report Remarks :

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Mumbai - 400703

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Patient Name	: XXXXXXXXXXXXXX	Sample Collected on (SCT)	: XXXXXXXXXXXX
Referred By	: XXXXXXXXXXXXXX	Sample Received on (SRT)	: XXXXXXXXXXXX
Address	: XXXXXXXXXXXXXX	Report Released on (RRT)	: XXXXXXXXXXXX
		Sample Type | Barcode	: XXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS
VITAMIN B-12	**C.L.I.A**	**981**	**pg/mL**
Bio. Ref. Interval. :-			

Normal : 211 - 911 pg/ml

Clinical significance :
Vitamin B12 or cyanocobalamin, is a complex corrinoid compound found exclusively from animal dietary sources, such as meat, eggs and milk. It is critical in normal DNA synthesis, which in turn affects erythrocyte maturation and in the formation of myelin sheath. Vitamin-B12 is used to find out neurological abnormalities and impaired DNA synthesis associated with macrocytic anemias. For diagnostic purpose, results should always be assessed in conjunction with the patients medical history, clinical examination and other findings.

Specifications: Intra assay (%CV):5.0%, Inter assay (%CV):9.2 %;Sensitivity:45 pg/ml

Kit Validation reference:
Chen IW, Sperling MI, Heminger LA. Vitamin B12. In: Pesce AJ, Kaplan LA, eds. Methods in Clinical Chemistry. St. Louis: CV Mosby; 1987:569–73.

Please correlate with clinical conditions.
Method:- COMPETITIVE CHEMI LUMINESCENT IMMUNO ASSAY

Tests Done : AAROGYAM STREE - PACKAGE

Report Remarks :

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Doctor 2 Sign

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Address	: XXXXXXXXXXXXXX	Report Released on (RRT)	: XXXXXXXXXXXX
		Sample Type | Barcode	: XXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS
Lipoprotein (a) [Lp(a)]	IMMUNOTURBIDIMETRY	10	mg/dL

Bio. Ref. Interval. :-

Adults : < 30.0 mg/dl

Clinical Significance:
Determination of LPA may be useful to guide management of individuals with a family history of CHD or with existing disease. The levels of LPA in the blood depends on genetic factors; The range of variation in a population is relatively large and hence for diagnostic purpose, results should always be assessed in conjunction with the patient's medical history, clinical examination and other findings.

Specifications:
Precision %CV :- Intra assay %CV- 4.55% , Inter assay %CV-0.86 %

Kit Validation Reference:
Tietz NW,Clinical Guide to Laboratory Tests Philadelphia WB. Saunders 1995 : 442-444

Please correlate with clinical conditions.

Method:- LATEX ENHANCED IMMUNOTURBIDIMETRY

Tests Done : AAROGYAM STREE - PACKAGE

Report Remarks :

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Referred By	: XXXXXXXXXXXXXX	**Sample Received on (SRT)**	: XXXXXXXXXXXX
Address	: XXXXXXXXXXXXXX	**Report Released on (RRT)**	: XXXXXXXXXXXX
		Sample Type | Barcode	: XXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS
HIGH SENSITIVITY C-REACTIVE PROTEIN (HS-CRP)	IMMUNOTURBIDIMETRY	1.1	mg/L

Bio. Ref. Interval. :-

< 1.00 - Low Risk
1.00 - 3.00 - Average Risk
>3.00 - 10.00 - High Risk
> 10.00 - Possibly due to Non-Cardiac Inflammation

Disclaimer: Persistent unexplained elevation of HSCRP >10 should be evaluated for non-cardiovascular etiologies such as infection , active arthritis or concurrent illness.

Clinical significance:
High sensitivity C- reactive Protein (HSCRP) can be used as an independent risk marker for the identification of Individuals at risk for future cardiovascular Disease. A coronary artery disease risk assessment should be based on the average of two hs-CRP tests, ideally taken two weeks apart.

Kit Validation Reference:
1.Clinical management of laboratory date in medical practice 2003-3004, 207(2003).
2.Tietz : Textbook of Clinical Chemistry and Molecular diagnostics :Second edition :Chapter 47:Page no.1507- 1508.

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

Tests Done : AAROGYAM STREE - PACKAGE

Report Remarks :

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Address	: XXXXXXXXXXXXXX	Report Released on (RRT)	: XXXXXXXXXXXX
		Sample Type | Barcode	: XXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS
IRON	PHOTOMETRY	98	µg/dL
Bio. Ref. Interval. : Male : 65 - 175 Female : 50 - 170			
Method : Ferrozine method without deproteinization			
TOTAL IRON BINDING CAPACITY (TIBC)	PHOTOMETRY	334	µg/dL
Bio. Ref. Interval. : Male: 225 - 535 µg/dl Female: 215 - 535 µg/dl			
Method : Spectrophotometric Assay			
% TRANSFERRIN SATURATION	CALCULATED	29	%
Bio. Ref. Interval. : 13 - 45			
Method : Derived from IRON and TIBC values			
UNSAT.IRON-BINDING CAPACITY(UIBC)	PHOTOMETRY	236.2	µg/dL
Bio. Ref. Interval. : 162 - 368			
Method : SPECTROPHOTOMETRIC ASSAY			

Please correlate with clinical conditions.

Tests Done : AAROGYAM STREE - PACKAGE

Report Remarks :

Doctor 1 Sign

Doctor 2 Sign

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Patient Name	: XXXXXXXXXXXXXX	Sample Collected on (SCT)	: XXXXXXXXXXXX
Referred By	: XXXXXXXXXXXXXX	Sample Received on (SRT)	: XXXXXXXXXXXX
Address	: XXXXXXXXXXXXXX	Report Released on (RRT)	: XXXXXXXXXXXX
		Sample Type | Barcode	: XXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS	Bio. Ref. Interval
TOTAL CHOLESTEROL	PHOTOMETRY	123	mg/dL	< 200
HDL CHOLESTEROL - DIRECT	PHOTOMETRY	56	mg/dL	40-60
LDL CHOLESTEROL - DIRECT	PHOTOMETRY	53.5	mg/dL	< 100
TRIGLYCERIDES	PHOTOMETRY	120	mg/dL	< 150
TC/ HDL CHOLESTEROL RATIO	**CALCULATED**	**2.2**	**Ratio**	**3 - 5**
TRIG / HDL RATIO	CALCULATED	2.12	Ratio	< 3.12
LDL / HDL RATIO	**CALCULATED**	**0.9**	**Ratio**	**1.5-3.5**
HDL / LDL RATIO	CALCULATED	1.05	Ratio	> 0.40
NON-HDL CHOLESTEROL	CALCULATED	66.2	mg/dL	< 160
VLDL CHOLESTEROL	CALCULATED	23.94	mg/dL	5 - 40

Please correlate with clinical conditions.

Method :

CHOL - Cholesterol Oxidase, Esterase, Peroxidase
HCHO - Direct Enzymatic Colorimetric
LDL - Direct Measure
TRIG - Enzymatic, End Point
TC/H - Derived from serum Cholesterol and Hdl values
TRI/H - Derived from TRIG and HDL Values
LDL/ - Derived from serum HDL and LDL Values
HD/LD - Derived from HDL and LDL values.
NHDL - Derived from serum Cholesterol and HDL values
VLDL - Derived from serum Triglyceride values

***REFERENCE RANGES AS PER NCEP ATP III GUIDELINES:**

TOTAL CHOLESTEROL	(mg/dl)	HDL	(mg/dl)	LDL	(mg/dl)	TRIGLYCERIDES	(mg/dl)
DESIRABLE	<200	LOW	<40	OPTIMAL	<100	NORMAL	<150
BORDERLINE HIGH	200-239	HIGH	>60	NEAR OPTIMAL	100-129	BORDERLINE HIGH	150-199
HIGH	>240			BORDERLINE HIGH	130-159	HIGH	200-499
				HIGH	160-189	VERY HIGH	>500
				VERY HIGH	>190		

Alert !!! 10-12 hours fasting is mandatory for lipid parameters. If not, values might fluctuate.

Tests Done : AAROGYAM STREE - PACKAGE

Report Remarks :

Doctor 1 Sign **Doctor 2 Sign**

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TEST NAME	TECHNOLOGY	VALUE	UNITS
FOLLICLE STIMULATING HORMONE (FSH)	C.L.I.A	6.17	mIU/mL

Bio. Ref. Interval. :
Female :
Follicular Phase : 2.5 to 10.2 | Mid cycle peak : 3.4 to 33.4 I Luteal Phase : 1.5 to 9.1
Pregnant : < 0.3 I Post Menopausal : 23 to 116.3
Males (13 - 70 Years) : 1.4 to 18.1

Method : Fully Automated Chemiluminescent Immunoassay

LUTEINISING HORMONE (LH)	**C.L.I.A**	**15.9**	**mIU/mL**

Bio. Ref. Interval. :
Female :
Follicular Phase : 1.9 to 12.5 I Mid cycle peak : 8.7 to 76.3
Luteal Phase : 0.5 to 16.9 I Pregnant : 0.1 to 1.5
Post Menopausal : 15.9 to 54 I Children : 0.1 to 6
Male
Age 20 to 70 : 1.5 to 9.3
Age >70 : 3.1 to 34.6

Method : Fully Automated Chemiluminescent Immunoassay

PROLACTIN (PRL)	C.L.I.A	< 9.9	ng/mL

Bio. Ref. Interval. :
Females :
Normally Menstruating : 2.8 - 29.2
Pregnant : 9.7 - 208.5
Postmenopausal : 1.8 - 20.3
Male : 2.1 - 17.7

Method : Fully Automated Bidirectionally Interfaced Chemi Luminescent Immuno Assay

Please correlate with clinical conditions.

Tests Done : AAROGYAM STREE - PACKAGE

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TEST NAME	TECHNOLOGY	VALUE	UNITS	Bio. Ref. Interval
ALKALINE PHOSPHATASE	PHOTOMETRY	105.1	U/L	45-129
BILIRUBIN - TOTAL	PHOTOMETRY	0.45	mg/dL	0.3-1.2
BILIRUBIN -DIRECT	PHOTOMETRY	0.1	mg/dL	0 - 0.20
BILIRUBIN (INDIRECT)	CALCULATED	0.35	mg/dL	0-0.9
GAMMA GLUTAMYL TRANSFERASE (GGT)	PHOTOMETRY	13.4	U/L	< 55
ASPARTATE AMINOTRANSFERASE (SGOT)	PHOTOMETRY	24.3	U/L	< 35
ALANINE TRANSAMINASE (SGPT)	PHOTOMETRY	32.9	U/L	< 45
SGOT / SGPT RATIO	CALCULATED	0.74	Ratio	< 2
PROTEIN - TOTAL	PHOTOMETRY	6.98	gm/dL	5.7-8.2
ALBUMIN - SERUM	PHOTOMETRY	4.14	gm/dL	3.2-4.8
SERUM GLOBULIN	CALCULATED	2.84	gm/dL	2.5-3.4
SERUM ALB/GLOBULIN RATIO	CALCULATED	1.46	Ratio	0.9 - 2

Please correlate with clinical conditions.

Method :

ALKP - Modified IFCC method
BILT - Diazonium salt DPD method
BILD - Diazonium salt DPD method
BILI - Derived from serum Total and Direct Bilirubin values
GGT - Modified IFCC method
SGOT - IFCC* Without Pyridoxal Phosphate Activation
SGPT - IFCC* Without Pyridoxal Phosphate Activation
OT/PT - Derived from SGOT and SGPT values.
PROT - Biuret Method
SALB - Albumin Bcg¹method (Colorimetric Assay Endpoint)
SEGB - DERIVED FROM SERUM ALBUMIN AND PROTEIN VALUES
A/GR - Derived from serum Albumin and Protein values

Tests Done : AAROGYAM STREE - PACKAGE

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TEST NAME	TECHNOLOGY	VALUE	UNITS
MAGNESIUM	PHOTOMETRY	< 2.5	mg/dL

Bio. Ref. Interval. :-

1.90 - 3.10 mg/dL

Clinical significance:

Magnesium is the fourth most abundant cation in the body and second most prevalent intracellular cation. The total body magnesium content is about 25 g or approximately 1 mol, of which 55% reside in the skeleton. About 45% of the magnesium is intracellular. In general higher the metabolic activity of cell, the greater is its magnesium content. Magnesium is a cofactor for more than 300 enzymes in the body.

Disorders of magnesium metabolism are separated into those causing hypomagnesaemia/magnesium deficiencies and hypermagnesemia. Hypomagnesaemia is common in patient in hospitals. Moderate to severe deficiency of magnesium is usually due to loss of magnesium from the gastrointestinal (gi) tract or kidneys. One of the more serious complications of magnesium deficiency is cardiac arrhythmia. Symptomatic hypermagnsemia is almost always caused by excessive intake, resulting from administration of antacids, enemas, and parenteral fluids containing magnesium. Depression of neuromuscular system is the most common manifestation of magnesium intoxication.

External quality control program participation:

College Of American Pathologists: Chemistry survey; CAP Number: 7193855-01

Please correlate with clinical conditions.

Method:- MODIFIED XYLIDYL BLUE REACTION METHOD

Tests Done : AAROGYAM STREE - PACKAGE

Report Remarks :

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TEST NAME	TECHNOLOGY	VALUE	UNITS
FOLATE	C.L.I.A	< 18.4	ng/mL

Bio. Ref. Interval. :
> 5.38 ng/ml

Clinical Significance: Low folate intake, malabsorption as a result of gastrointestinal diseases, pregnancy, and drugs such as phenytoin are causes of folate deficiency.3 Folate deficiency is also associated with chronic alcoholism. Serum folate measurement provides an early index of folate status.

Specifications: Precision: Intra assay (%CV): 7.93, Inter assay (%CV): 7.19, Sensitivity: 0.35 ng/mL.

Kit Validation References: Steinkamp RC. Vitamin B12 and folic acid: clinical and pathophysiological considerations. In: Brewster MA, Naito HK, eds. Nutritional Elements and Clinical Biochemistry. New York: Plenum Publishing Corp.; 1980:169-240

Method : COMPETITIVE CHEMI LUMINESCENT IMMUNO ASSAY

PHOSPHOROUS	PHOTOMETRY	4.24	mg/dL

Bio. Ref. Interval. :
Adults : 2.4 - 5.1 mg/dL
Children : 4.0 - 7.0 mg/dL

Clinical Significance:
In plasma and serum the majority of phosphate exists in the inorganic form (Pi), approximately 15% bound to protein and the remainder in complexes and free forms. Serum phosphate concentrations are dependent on diet and variation in the secretion of hormones such as Parathyroid Hormone (PTH).

Specifications:
Precision %CV :- Intra assay %CV- 1.55% , Inter assay %CV-2.99% , Sensitivity:-0.10 mmol/L

Kit Validation Reference:
Young DS. Effects of drugs on clinical laboratory tests, 5th ed. AACC Press, 2000.

Method : UNREDUCED PHOSPHOMOLYBDATE METHOD

Please correlate with clinical conditions.

Tests Done : AAROGYAM STREE - PACKAGE

Report Remarks :

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TEST NAME	TECHNOLOGY	VALUE	UNITS	Bio. Ref. Interval.
FREE TRIIODOTHYRONINE (FT3)	C.L.I.A	<3.2	pg/mL	1.7-4.2
FREE THYROXINE (FT4)	C.L.I.A	<1.31	ng/dL	0.7-1.8
TSH - ULTRASENSITIVE	C.M.I.A	<2.92	µIU/mL	0.35-4.94

The Biological Reference Ranges is specific to the age group. Kindly correlate clinically.

Method :

FT3,FT4 - Competitive Chemi Luminescent Immuno Assay
USTSH - Fully Automated Chemi Luminescent Microparticle Immunoassay

Disclaimer : Results should always be interpreted using the reference range provided by the laboratory that performed the test. Different laboratories do tests using different technologies, methods and using different reagents which may cause difference. In reference ranges and hence it is recommended to interpret result with assay specific reference ranges provided in the reports. To diagnose and monitor therapy doses, it is recommended to get tested every time at the same Laboratory.

Tests Done : AAROGYAM STREE - PACKAGE

Report Remarks :

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TEST NAME	TECHNOLOGY	VALUE	UNITS	Bio. Ref. Interval
BLOOD UREA NITROGEN (BUN)	PHOTOMETRY	12.6	mg/dL	7.94 - 20.07
CREATININE - SERUM	**PHOTOMETRY**	**0.7**	**mg/dL**	**0.72-1.18**
BUN / Sr.CREATININE RATIO	CALCULATED	18	Ratio	9:1-23:1
UREA (CALCULATED)	CALCULATED	26.96	mg/dL	Adult : 17-43
UREA / SR.CREATININE RATIO	CALCULATED	38.52	Ratio	< 52
CALCIUM	PHOTOMETRY	9.62	mg/dL	8.8-10.6
URIC ACID	PHOTOMETRY	6.8	mg/dL	4.2 - 7.3

Please correlate with clinical conditions.

Method :

BUN - Kinetic UV Assay.
SCRE - Creatinine Enzymatic Method
B/CR - Derived from serum Bun and Creatinine values
UREAC - Derived from BUN Value.
UR/CR - Derived from UREA and Sr.Creatinine values.
CALC - Arsenazo III Method, End Point.
URIC - Uricase / Peroxidase Method

Tests Done : AAROGYAM STREE - PACKAGE

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TEST NAME	TECHNOLOGY	VALUE	UNITS
CHLORIDE	I.S.E - INDIRECT	101	mmol/L

Bio. Ref. Interval. :
ADULTS: 98-107 MMOL/L

Clinical Significance :
An increased level of blood chloride (called hyperchloremia) usually indicates dehydration, but can also occur with other problems that cause high blood sodium, such as Cushing syndrome or kidney disease. Hyperchloremia also occurs when too much base is lost from the body (producing metabolic acidosis) or when a person hyperventilates (causing respiratory alkalosis). A decreased level of blood chloride (called hypochloremia) occurs with any disorder that causes low blood sodium. Hypochloremia also occurs with congestive heart failure, prolonged vomiting or gastric suction, Addison disease, emphysema or other chronic lung diseases (causing respiratory acidosis), and with loss of acid from the body (called metabolic alkalosis).

Method : ION SELECTIVE ELECTRODE - INDIRECT

SODIUM	I.S.E - INDIRECT	137	mmol/L

Bio. Ref. Interval. :
Adults: 136[illegible]mmol/l

Method : ION SELECTIVE ELECTRODE - INDIRECT

Please correlate with clinical conditions.

Tests Done : AAROGYAM STREE - PACKAGE

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TEST NAME	TECHNOLOGY	VALUE	UNITS
EST. GLOMERULAR FILTRATION RATE (eGFR)	CALCULATED	134	mL/min/1.73 m2

Bio. Ref. Interval. :-

> = 90 : Normal
60 - 89 : Mild Decrease
45 - 59 : Mild to Moderate Decrease
30 - 44 : Moderate to Severe Decrease
15 - 29 : Severe Decrease
<15 : Kidney Failure

Clinical Significance

The normal serum creatinine reference interval does not necessarily reflect a normal GFR for a patient. Because mild and moderate kidney injury is poorly inferred from serum creatinine alone. Thus, it is recommended for clinical laboratories to routinely estimate glomerular filtration rate (eGFR), a "gold standard" measurement for assessment of renal function, and report the value when serum creatinine is measured for patients 18 and older, when appropriate and feasible. It cannot be measured easily in clinical practice, instead, GFR is estimated from equations using serum creatinine, age, race and sex. This provides easy to interpret information for the doctor and patient on the degree of renal impairment since it approximately equates to the percentage of kidney function remaining. Application of CKD-EPI equation together with the other diagnostic tools in renal medicine will further improve the detection and management of patients with CKD.

Reference

Levey AS, Stevens LA, Schmid CH, Zhang YL, Castro AF, 3rd, Feldman HI, et al. A new equation to estimate glomerular filtration rate. Ann Intern Med. 2009;150(9):604-12.

Please correlate with clinical conditions.
Method:- 2021 CKD EPI Creatinine Equation

Tests Done : AAROGYAM STREE - PACKAGE

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TEST NAME	TECHNOLOGY	VALUE	UNITS
HbA1c	H.P.L.C	5.1	%

Bio. Ref. Interval. :

As per ADA Guidelines	Guidance For Known Diabetics
Below 5.7% : Normal	Below 6.5% : Good Control
5.7% - 6.4% : Prediabetic	6.5% - 7% : Fair Control
>=6.5% : Diabetic	7.0% - 8% : Unsatisfactory Control
	>8% : Poor Control

Method : Fully Automated H.P.L.C method

AVERAGE BLOOD GLUCOSE (ABG)	CALCULATED	100	mg/dL

Bio. Ref. Interval. :

90 - 120 mg/dl : Good Control
121 - 150 mg/dl : Fair Control
151 - 180 mg/dl : Unsatisfactory Control
> 180 mg/dl : Poor Control

Method : Derived from HBA1c values

Please correlate with clinical conditions.

Tests Done : HBA PROFILE,HEMOGRAM

Report Remarks :

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TEST NAME	METHODOLOGY	VALUE	UNITS	Bio. Ref. Interval.
HEMOGLOBIN	**SLS-Hemoglobin Method**	**10.4**	**g/dL**	**13.0-17.0**
Hematocrit (PCV)	**CPH Detection**	**33.6**	**%**	**40.0-50.0**
Total RBC	**HF & EI**	**3.88**	**X 10^6/µL**	**4.5-5.5**
Mean Corpuscular Volume (MCV)	Calculated	86.6	fL	83.0-101.0
Mean Corpuscular Hemoglobin (MCH)	**Calculated**	**26.8**	**pq**	**27.0-32.0**
Mean Corp.Hemo. Conc (MCHC)	**Calculated**	**31**	**g/dL**	**31.5-34.5**
Red Cell Distribution Width - SD (RDW-SD)	**Calculated**	**48.9**	**fL**	**39-46**
Red Cell Distribution Width (RDW - CV)	**Calculated**	**15.4**	**%**	**11.6-14.0**
RED CELL DISTRIBUTION WIDTH INDEX (RDWI)	Calculated	343.7	-	*Refer Note below
MENTZER INDEX	Calculated	22.3	-	*Refer Note below
TOTAL LEUCOCYTE COUNT (WBC)	HF & FC	7.77	X 10^3 / µL	4.0 - 10.0
DIFFERENTIAL LEUCOCYTE COUNT				
Neutrophils Percentage	Flow Cytometry	75.2	%	40-80
Lymphocytes Percentage	**Flow Cytometry**	**17.4**	**%**	**20-40**
Monocytes Percentage	Flow Cytometry	2.7	%	2-10
Eosinophils Percentage	Flow Cytometry	3.9	%	1-6
Basophils Percentage	Flow Cytometry	0.5	%	0-2
Immature Granulocyte Percentage (IG%)	Flow Cytometry	0.3	%	0-0.5
Nucleated Red Blood Cells %	Flow Cytometry	0.1	%	0.0-5.0
ABSOLUTE LEUCOCYTE COUNT				
Neutrophils - Absolute Count	Calculated	5.84	X 10^3 / µL	2.0-7.0
Lymphocytes - Absolute Count	Calculated	1.35	X 10^3 / µL	1.0-3.0
Monocytes - Absolute Count	Calculated	0.21	X 10^3 / µL	0.2-1.0
Basophils - Absolute Count	Calculated	0.04	X 10^3 / µL	0.02-0.1
Eosinophils - Absolute Count	Calculated	0.3	X 10^3 / µL	0.02-0.5
Immature Granulocytes (IG)	Calculated	0.02	X 10^3 / µL	0-0.3
Nucleated Red Blood Cells	Calculated	0.01	X 10^3 / µL	0.0-0.5
PLATELET COUNT	HF & EI	260	X 10^3 / µL	150-410
Mean Platelet Volume (MPV)	Calculated	10.3	fL	6.8-12
Platelet Distribution Width (PDW)	Calculated	11.2	fL	9.6-15.2
Platelet to Large Cell Ratio (PLCR)	Calculated	26.6	%	19.3-42.4
Plateletcrit (PCT)	Calculated	0.27	%	0.19-0.39

*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)

Tests Done : HBA PROFILE,HEMOGRAM

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TEST NAME	METHODOLOGY	VALUE	UNITS	Bio. Ref. Interval.
Complete Urinogram				
Physical Examination				
VOLUME	Visual Determination	1	mL	-
COLOUR	Visual Determination	PALE YELLOW	-	Pale Yellow
APPEARANCE	Visual Determination	CLEAR	-	Clear
SPECIFIC GRAVITY	**pKa change**	**< 1.003**	**-**	**1.003-1.030**
PH	pH indicator	5	-	5-8
Chemical Examination				
URINARY PROTEIN	PEI	ABSENT	mg/dL	Absent
URINARY GLUCOSE	GOD-POD	ABSENT	mg/dL	Absent
URINE KETONE	Nitroprusside	ABSENT	mg/dL	Absent
URINARY BILIRUBIN	Diazo coupling	ABSENT	mg/dL	Absent
UROBILINOGEN	Diazo coupling	Normal	mg/dL	<=0.2
BILE SALT	Hays sulphur	ABSENT	-	Absent
BILE PIGMENT	Ehrlich reaction	ABSENT	-	Absent
URINE BLOOD	Peroxidase reaction	ABSENT	-	Absent
NITRITE	Diazo coupling	ABSENT	-	Absent
LEUCOCYTE ESTERASE	Esterase reaction	ABSENT	-	Absent
Microscopic Examination				
MUCUS	Microscopy	ABSENT	-	Absent
RED BLOOD CELLS	Microscopy	1	cells/HPF	0-2
URINARY LEUCOCYTES (PUS CELLS)	Microscopy	2.5	cells/HPF	0-5
EPITHELIAL CELLS	Microscopy	2.5	cells/HPF	0-5
CASTS	Microscopy	ABSENT	-	Absent
CRYSTALS	Microscopy	ABSENT	-	Absent
BACTERIA	Microscopy	ABSENT	-	Absent
YEAST	Microscopy	ABSENT	-	Absent
PARASITE	Microscopy	ABSENT	-	Absent

(Reference : *PEI - Protein error of indicator, *GOD-POD - Glucose oxidase-peroxidase**)**

~~ End of report ~~

Tests Done : COMPLETE URINE ANALYSIS

Report Remarks :

Doctor 1 Sign

Doctor 2 Sign

Scan QR to verify(valid for 30 daysfrom release time)

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, #As on 5th December 2024 (Applicable for all company owned labs except Bhagalpur & Vijayawada),*

• As per survey on doctors' perception of laboratory diagnostics (IJARIIT, 2023), -Mumbai Reference Lab is CAP Accredited