Thyrocare

Tests you can trust

Name : Kalpna Rawat(51Y/F)

Date : 08 Jun 2024

Test Asked : Niva Package Greater Than 50

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

PROCESSED AT :

Thyrocare
D-79, 3rd floor, sector-63,
gautam budh nagar,
Noida, UP-201301.

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NAME	: KALPNA RAWAT(51Y/F)	**HOME COLLECTION :**
REF. BY	: SELF	149 GF PARSWNATH PANCHVATI TAJ NAGRI PHASE2
TEST ASKED	: NIVA PACKAGE GREATER THAN 50	AGRA 282001 282001

Summary Report

Tests outside reference range

TEST NAME	OBSERVED VALUE	UNITS	Bio. Ref. Interval.
COMPLETE HEMOGRAM			
HEMATOCRIT(PCV)	35.7	%	36.0-46.0
HEMOGLOBIN	11.7	g/dL	12.0-15.0
MEAN PLATELET VOLUME(MPV)	12.1	fL	6.5-12
MONOCYTES - ABSOLUTE COUNT	0.15	X 10^3 / µL	0.2 - 1.0
LIPID			
HDL / LDL RATIO	0.39	Ratio	> 0.40
HDL CHOLESTEROL - DIRECT	37	mg/dL	40-60
OTHER COUNTS			
ERYTHROCYTE SEDIMENTATION RATE (ESR)	25	mm / hr	0 - 20
RENAL			
BLOOD UREA NITROGEN (BUN)	20.09	mg/dL	7.94 - 20.07
BUN / SR.CREATININE RATIO	29.99	Ratio	9:1-23:1
UREA / SR.CREATININE RATIO	64.17	Ratio	< 52
URINOGRAM			
URINE BLOOD	PRESENT	-	Absent

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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TEST ASKED : NIVA PACKAGE GREATER THAN 50

HOME COLLECTION :
149 GF PARSWNATH PANCHVATI TAJ NAGRI
PHASE2 AGRA 282001 282001

TEST NAME	TECHNOLOGY	VALUE	UNITS
HbA1c - (HPLC)			
	H.P.L.C	4.8	%

Bio. Ref. Interval. :

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

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

AVERAGE BLOOD GLUCOSE (ABG)	CALCULATED	91	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.

Sample Collected on (SCT) : 08 Jun 2024 07:49
Sample Received on (SRT) : 09 Jun 2024 01:23
Report Released on (RRT) : 09 Jun 2024 04:30
Sample Type : EDTA Whole Blood
Labcode : 0806043540/DS774
Barcode : CG875715

Dr Manzalat Fatima MD(Path)

Dr Bhumika MD(Path)

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149 GF PARSWNATH PANCHVATI TAJ NAGRI
PHASE2 AGRA 282001 282001

TEST NAME	TECHNOLOGY	VALUE	UNITS
ERYTHROCYTE SEDIMENTATION RATE (ESR)	**MODIFIED WESTERGREN**	**25**	**mm / hr**

Bio. Ref. Interval. :-

Male : 0-15
Female : 0-20

Please correlate with clinical conditions.
Method:- MODIFIED WESTERGREN

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NAME : KALPNA RAWAT(51Y/F)
REF. BY : SELF
TEST ASKED : NIVA PACKAGE GREATER THAN 50

HOME COLLECTION :
149 GF PARSWNATH PANCHVATI TAJ NAGRI
PHASE2 AGRA 282001 282001

TEST NAME	METHODOLOGY	VALUE	UNITS	Bio. Ref. Interval.
TOTAL LEUCOCYTES COUNT (WBC)	HF & FC	4.03	X 10³ / µL	4.0 - 10.0
NEUTROPHILS	Flow Cytometry	63.9	%	40-80
LYMPHOCYTE	Flow Cytometry	26.3	%	20-40
MONOCYTES	Flow Cytometry	3.7	%	2-10
EOSINOPHILS	Flow Cytometry	5.2	%	1-6
BASOPHILS	Flow Cytometry	0.7	%	0-2
IMMATURE GRANULOCYTE PERCENTAGE(IG%)	Flow Cytometry	0.2	%	0.0-0.4
NEUTROPHILS - ABSOLUTE COUNT	Calculated	2.58	X 10³ / µL	2.0-7.0
LYMPHOCYTES - ABSOLUTE COUNT	Calculated	1.06	X 10³ / µL	1.0-3.0
MONOCYTES - ABSOLUTE COUNT	**Calculated**	**0.15**	**X 10³ / µL**	**0.2 - 1.0**
BASOPHILS - ABSOLUTE COUNT	Calculated	0.03	X 10³ / µL	0.02 - 0.1
EOSINOPHILS - ABSOLUTE COUNT	Calculated	0.21	X 10³ / µL	0.02 - 0.5
IMMATURE GRANULOCYTES(IG)	Calculated	0.01	X 10³ / µL	0.0-0.3
TOTAL RBC	HF & EI	3.96	X 10^6/µL	3.8-4.8
NUCLEATED RED BLOOD CELLS	Calculated	0.01	X 10³ / µL	0.0-0.5
NUCLEATED RED BLOOD CELLS %	Flow Cytometry	0.01	%	0.0-5.0
HEMOGLOBIN	**SLS-Hemoglobin Method**	**11.7**	**g/dL**	**12.0-15.0**
HEMATOCRIT(PCV)	**CPH Detection**	**35.7**	**%**	**36.0-46.0**
MEAN CORPUSCULAR VOLUME(MCV)	Calculated	90.2	fL	83.0-101.0
MEAN CORPUSCULAR HEMOGLOBIN(MCH)	Calculated	29.5	pq	27.0-32.0
MEAN CORP.HEMO.CONC(MCHC)	Calculated	32.8	g/dL	31.5-34.5
RED CELL DISTRIBUTION WIDTH - SD(RDW-SD)	Calculated	42.5	fL	39.0-46.0
RED CELL DISTRIBUTION WIDTH (RDW-CV)	Calculated	12.8	%	11.6-14.0
PLATELET DISTRIBUTION WIDTH(PDW)	Calculated	13.5	fL	9.6-15.2
MEAN PLATELET VOLUME(MPV)	**Calculated**	**12.1**	**fL**	**6.5-12**
PLATELET COUNT	HF & EI	184	X 10³ / µL	150-410
PLATELET TO LARGE CELL RATIO(PLCR)	Calculated	42.3	%	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.

Please Correlate with clinical conditions.
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**)**

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NAME : KALPNA RAWAT(51Y/F)
REF. BY : SELF
TEST ASKED : NIVA PACKAGE GREATER THAN 50

HOME COLLECTION :
149 GF PARSWNATH PANCHVATI TAJ NAGRI PHASE2
AGRA 282001 282001

TEST NAME	TECHNOLOGY	VALUE	UNITS	Bio. Ref. Interval.
TOTAL CHOLESTEROL	PHOTOMETRY	139	mg/dL	< 200
HDL CHOLESTEROL - DIRECT	**PHOTOMETRY**	**37**	**mg/dL**	**40-60**
LDL CHOLESTEROL - DIRECT	PHOTOMETRY	95	mg/dL	< 100
TRIGLYCERIDES	PHOTOMETRY	61	mg/dL	< 150
TC/ HDL CHOLESTEROL RATIO	CALCULATED	3.8	Ratio	3 - 5
TRIG / HDL RATIO	CALCULATED	1.66	Ratio	< 3.12
LDL / HDL RATIO	CALCULATED	2.6	Ratio	1.5-3.5
HDL / LDL RATIO	**CALCULATED**	**0.39**	**Ratio**	**> 0.40**
NON-HDL CHOLESTEROL	CALCULATED	102.38	mg/dL	< 160
VLDL CHOLESTEROL	CALCULATED	12.29	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.

Sample Collected on (SCT) : 08 Jun 2024 07:49
Sample Received on (SRT) : 09 Jun 2024 01:24
Report Released on (RRT) : 09 Jun 2024 02:42
Sample Type : SERUM
Labcode : 0806117408/DS774
Barcode : CJ042405

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HOME COLLECTION :
149 GF PARSWNATH PANCHVATI TAJ NAGRI PHASE2
AGRA 282001 282001

TEST NAME	TECHNOLOGY	VALUE	UNITS	Bio. Ref. Interval.
BLOOD UREA NITROGEN (BUN)	**PHOTOMETRY**	**20.09**	**mg/dL**	**7.94 - 20.07**
CREATININE - SERUM	PHOTOMETRY	0.67	mg/dL	0.55-1.02
BUN / SR.CREATININE RATIO	**CALCULATED**	**29.99**	**Ratio**	**9:1-23:1**
UREA (CALCULATED)	CALCULATED	42.99	mg/dL	Adult : 17-43
UREA / SR.CREATININE RATIO	**CALCULATED**	**64.17**	**Ratio**	**< 52**
CALCIUM	PHOTOMETRY	9.72	mg/dL	8.8-10.6
URIC ACID	PHOTOMETRY	3.9	mg/dL	3.2 - 6.1

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

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PHASE2 AGRA 282001 282001

TEST NAME	TECHNOLOGY	VALUE	UNITS
EST. GLOMERULAR FILTRATION RATE (eGFR)	CALCULATED	102	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

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:- CKD-EPI Creatinine Equation

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Sample Received on (SRT) : 09 Jun 2024 01:24
Report Released on (RRT) : 09 Jun 2024 02:42
Sample Type : SERUM
Labcode : 0806117408/DS774
Barcode : CJ042405

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HOME COLLECTION :
149 GF PARSWNATH PANCHVATI TAJ NAGRI
PHASE2 AGRA 282001 282001

TEST NAME	METHODOLOGY	VALUE	UNITS	Bio. Ref. Interval.
Complete Urinogram				
Physical Examination				
SPECIFIC GRAVITY	pKa change	> 1.030	-	1.003-1.030
PH	pH indicator	5	-	5-8
Chemical Examination				
URINARY GLUCOSE	GOD-POD	ABSENT	mg/dL	Absent
URINARY BILIRUBIN	Diazo coupling	ABSENT	mg/dL	Absent
URINE KETONE	Nitroprusside	ABSENT	mg/dL	Absent
URINE BLOOD	**Peroxidase reaction**	**PRESENT**	**-**	**Absent**
URINARY PROTEIN	PEI	ABSENT	mg/dL	Absent
UROBILINOGEN	Diazo coupling	Normal	mg/dL	<=0.2
NITRITE	Diazo coupling	ABSENT	-	Absent
Microscopic Examination				
URINARY LEUCOCYTES (PUS CELLS)	Microscopy	ABSENT	cells/HPF	0-5

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

~~ End of report ~~

Sample Collected on (SCT) : 08 Jun 2024 07:49
Sample Received on (SRT) : 09 Jun 2024 01:56
Report Released on (RRT) : 09 Jun 2024 03:34
Sample Type : URINE
Labcode : 0806119910/DS774
Barcode : CF551554

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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 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.
- Thyrocare Discovery video link :- https://youtu.be/nbdYeRgYyQc
- For clinical support please contact @8450950852,8450950853,8450950854 between 10:00 to 18:00

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 or feedback, write to us at **info@thyrocare.com** or call us on **022-3090 0000 / 6712 3400**
- SMS:<Labcode No.> to **9870666333**

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