Thyrocare

CP-67, Viraj Khand, Gomti Nagar, Lucknow - 226 010



Corporate office : Thyrocare Technologies Limited, 9 D-37/3, TTC MIDC, Turbhe, Navi Mumbai - 400 703 © 022 - 3090 0000 / 6712 3400 © 9870666333 wellness@thyrocare.com () www.thyrocare.com REPOR : ALINA ASIF(24Y/F) **HOME COLLECTION :** NAME 14/37 SA TOWER GWALTOLI CIVIL LINES FLAT NO **REF. BY** : SELF 609 KANPUR : EXECUTIVE FULL BODY HEALTH CHECKUP TEST ASKED PATIENTID : AA21088660 **TEST NAME** TECHNOLOGY VALUE UNITS 35.99 25-OH VITAMIN D (TOTAL) C.L.I.A ng/ml

Reference Range :-

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

Sample Collected on (SCT) :02 Mar 2023 13:20 : 03 Mar 2023 02:20 Sample Received on (SRT) Nichi gupta : 03 Mar 2023 05:26 Report Released on (RRT) . SERUM Sample Type : 0203122858/DH586 Dr Nidhi Gupta MD (Path) Labcode Barcode : AP215086

Page : 1 of 20

PROCESSED	PROCESSED AT :			<u>^</u>		
Thyrocare CP-67, Viraj Khand, Gomti Nagar, Lucknow – 226 010					J TH	s you can trust
	Corporate office : Thyrocare Tech © 022 - 3090 0000 / 6712 3400	nologies Limited, © 9870666333	♥ D-37/3, TTC M ■ wellness@t REPORT	IIDC, Turbhe, Navi Mur thyrocare.com 🏾 🌐 ww	nbai - 400 703 /w.thyrocare.com	
NAME REF. BY TEST ASKED	: ALINA ASIF(24Y/F) : SELF : EXECUTIVE FULL BODY HEAL	ТН СНЕСКИР		HOME COLLECT 14/37 SA TOWER 609 KANPUR	T ION : R GWALTOLI CIVII	LINES FLAT NO
PATIENTID	: AA21088660		TECHNOL	OGY	VALUE	
VITAMIN B-12 Reference R	ange :-		C.L.I.A		587	pg/ml

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

Sample Collected on (SCT)	: 02 Mar 2023 13:20
Sample Received on (SRT)	: 03 Mar 2023 02:20 Nichtin aufta
Report Released on (RRT)	: 03 Mar 2023 05:26
Sample Type	SERUM
Labcode	: 0203122858/DH586 Dr Nidhi Gupta MD (Path)
Barcode	: AP215086

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 ⑨ 9870666333
 Image: Wellness@thyrocare.com
 Image: Wellness@thyrocare.com

 NAME
 : ALINA ASIF(24Y/F)
 Image: Wellness@thyrocare.com
 Image: Wellness@thyrocare.com

 REF. BY
 : SELF
 14/37 SA TOWER GWALTOLI CIVIL LINES FLAT NO 609 KANPUR

 TEST ASKED
 : EXECUTIVE FULL BODY HEALTH CHECKUP
 HOME COLLECTION :

PATIENTID : AA21088660				
TEST NAME	TECHNOLOGY	VALUE	UNITS	
SERUM ZINC	PHOTOMETRY	63.43	µg/dL	
Reference Range :-				

52 - 286

Clinical Significance:

Zinc is one of the essential trace elements in the body. Its metalloenzymes play a key rple in protein and nucleic acid synthesis, gene expression, wound healing, as an antioxidant, etc. Deficiency can cause- Poor wound healing, gastroenteritis, impaired spermatogenesis, Alzheimer's disease, etc. Toxicity may be manifested as pancreatitis, gastric ulcer, anemia, pulmonary fibrosis.

Specifications: Precision: Intra assay (%CV): 2.02, Inter assay (%CV): 2.22.

Kit Validation References: Thomas L. Clinical Laboratory Diagnostics. 1st ed. Frankfurt: TH-Books Verlagsgesellschaft; 1998. p. 347-9

Please correlate with clinical conditions.

Method:- NITRO - PAPS

:02 Mar 2023 13:20	
: 03 Mar 2023 02:20	Nilli aupta
: 03 Mar 2023 05:26	
SERUM	
:0203122858/DH586	Dr Nidhi Gupta MD (Path)
: AP215086	
	: 02 Mar 2023 13:20 : 03 Mar 2023 02:20 : 03 Mar 2023 05:26 : SERUM : 0203122858/DH586 : AP215086



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		REPORT				
NAME	: ALINA ASIF(24Y/F)		HOME COLLECTION	1:		
REF. BY	: SELF		14/37 SA TOWER G	WALTOLI CIVIL LINES FLAT		
TEST ASKED	: EXECUTIVE FULL BODY HEALTH	CHECKUP	NO 009 KANFOK			
PATIENTID	: AA21088660					
TEST NAME		TECHNOLOGY	VALUE	UNITS		
IRON		PHOTOMETRY	75	µg/dl		
Reference Ra Male : 65 - 17 Female : 50 - Method : Ferr	nge : 5 170 pzine method without deproteinization					
TOTAL IRON	N BINDING CAPACITY (TIBC)	PHOTOMETRY	445	μg/dl		
Reference Ra Male: 225 - 53 Method : Spe	nge : 35 μg/dl Female: 215 - 535 μg/dl ctrophotometric Assay					
% TRANSFE	RRIN SATURATION	CALCULATED	17	%		
Reference Ra 13 - 45	nge :					
Method : Der		DUOTOMETDY	260 E4			
Deference Ro	N-BINDING CAPACITY(UIBC)	PHOTOMETRY	509.54	µg/ai		
162 - 368	nge.					
Method : SPE	CTROPHOTOMETRIC ASSAY					
Dianco corro	late with clinical conditions					

Sample Collected on (SCT)	:02 Mar 2023 13:20		
Sample Received on (SRT)	: 03 Mar 2023 02:20	Nidhi aubta	
Report Released on (RRT)	: 03 Mar 2023 05:26	Jacob gr F	
Sample Type	:SERUM		
Labcode	:0203122858/DH586	Dr Nidhi Gupta MD (Path)	
Barcode	:AP215086		Page : 4 of 20

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		REPORT		
NAME REF. BY TEST ASKED	: ALINA ASIF(24Y/F) : SELF : EXECUTIVE FULL BODY HEALTH CHECKUP)	HOME COLLECTION : 14/37 SA TOWER GWALTOLI CIVIL LINES FLAT NO 609 KANPUR	

PATIENTID : AA21088660

TEST NAME	TECHNOLOGY	VALUE	UNITS	NORMAL RANGE
TOTAL CHOLESTEROL	PHOTOMETRY	201	mg/dl	< 200
HDL CHOLESTEROL - DIRECT	PHOTOMETRY	87	mg/dl	40-60
LDL CHOLESTEROL - DIRECT	PHOTOMETRY	107	mg/dl	< 100
TRIGLYCERIDES	PHOTOMETRY	62	mg/dl	< 150
TC/ HDL CHOLESTEROL RATIO	CALCULATED	2.3	Ratio	3 - 5
TRIG / HDL RATIO	CALCULATED	0.72	Ratio	< 3.12
LDL / HDL RATIO	CALCULATED	1.2	Ratio	1.5-3.5
HDL / LDL RATIO	CALCULATED	0.81	Ratio	> 0.40
NON-HDL CHOLESTEROL	CALCULATED	114.51	mg/dl	< 160
VLDL CHOLESTEROL	CALCULATED	12.42	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)	: 02 Mar 2023 13:20		
Sample Received on (SRT)	: 03 Mar 2023 02:20	Nichi aupta	
Report Released on (RRT)	: 03 Mar 2023 05:26	1 1	
Sample Type	: SERUM		
Labcode	: 0203122858/DH586	Dr Nidhi Gupta MD (Path)	
Barcode	AP215086		Daga

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REPOR1

: ALINA ASIF(24Y/F) NAME **REF. BY** : SELF **TEST ASKED** : EXECUTIVE FULL BODY HEALTH CHECKUP

HOME COLLECTION :

14/37 SA TOWER GWALTOLI CIVIL LINES FLAT NO 609 KANPUR

PATIENTID : AA21088660

TEST NAME	TECHNOLOGY	VALUE	UNITS	NORMAL RANGE
ALKALINE PHOSPHATASE	PHOTOMETRY	93.91	U/L	45-129
BILIRUBIN - TOTAL	PHOTOMETRY	0.59	mg/dl	0.3-1.2
BILIRUBIN -DIRECT	PHOTOMETRY	0.14	mg/dl	< 0.3
BILIRUBIN (INDIRECT)	CALCULATED	0.45	mg/dl	0-0.9
GAMMA GLUTAMYL TRANSFERASE (GGT)	PHOTOMETRY	13.96	U/I	< 38
ASPARTATE AMINOTRANSFERASE (SGOT)	PHOTOMETRY	26.22	U/I	< 31
ALANINE TRANSAMINASE (SGPT)	PHOTOMETRY	20.8	U/I	< 34
SGOT / SGPT RATIO	CALCULATED	1.26	Ratio	< 2
PROTEIN - TOTAL	PHOTOMETRY	7.75	gm/dl	5.7-8.2
ALBUMIN - SERUM	PHOTOMETRY	4.23	gm/dl	3.2-4.8
SERUM GLOBULIN	CALCULATED	3.52	gm/dL	2.5-3.4
SERUM ALB/GLOBULIN RATIO	CALCULATED	1.2	Ratio	0.9 - 2

Please correlate with clinical conditions.

Method :

ALKP - Modified IFCC method

BILT - Vanadate Oxidation

BILD - Vanadate Oxidation

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

Sample Collected on (SCT)	: 02 Mar 2023 13:20		
Sample Received on (SRT)	: 03 Mar 2023 02:20	Nilli aubta	
Report Released on (RRT)	: 03 Mar 2023 05:26	and a first	
Sample Type	: SERUM		
Labcode	: 0203122858/DH586	Dr Nidhi Gupta MD (Path)	
Barcode	• AP215086		Deer

PROCESSED	AT :		<u>^</u>		
Thyrocare CP-67, Viraj k Gomti Nagar,	Chand, Lucknow – 226 010		Jest	s you can trust	
	Corporate office : Thyrocare Techno	ogies Limited, ♥ D-37/3, TTC MIDC, Turbhe, Navi № 9870666333	/lumbai - 400 703 www.thyrocare.com		
NAME REF. BY TEST ASKED	: ALINA ASIF(24Y/F) : SELF : EXECUTIVE FULL BODY HEALTH	HOME COLLE 14/37 SA TOW 609 KANPUR	ECTION : VER GWALTOLI CIVII	N : /ALTOLI CIVIL LINES FLAT NO	
PATIENTID	: AA21088660				
TEST NAME		TECHNOLOGY	VALUE	UNITS	
MAGNESIUM Reference R a	ange :-	PHOTOMETRY	1.95	mg/dL	
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 hypermagnesaemia. 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 hypermagnesemia 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

Sample Collected on (SCT)	: 02 Mar 2023 13:20
Sample Received on (SRT)	: 03 Mar 2023 02:20 Nichtin aufta
Report Released on (RRT)	: 03 Mar 2023 05:26
Sample Type	. SERUM
Labcode	: 0203122858/DH586 Dr Nidhi Gupta MD (Path)
Barcode	: AP215086



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		REPORT			
NAME	: ALINA ASIF(24Y/F)		HOME COLLECTION	:	
REF. BY	: SELF		14/37 SA TOWER GV	VALTOLI CIVIL LINES FLAT	
TEST ASKED	: EXECUTIVE FULL BODY HEALTH C	CHECKUP			
PATIENTID	: AA21088660				
TEST NAME		TECHNOLOGY	VALUE	UNITS	
PHOSPHORO Reference Ran	US ge :	PHOTOMETRY	8.47	mg/dL	
Adults : 2.4 - 5	i.1 mg/dL				
Clinical Significa In plasma and s remainder in co hormones such	ance: serum the majority of phosphate exist mplexes and free forms. Serum phosp as Parathyroid Hormone (PTH).	s in the inorganic form (P phate concentrations are o	i), approximately 159 dependent on diet and	% bound to protein and the d variation in the secretion o	f

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

Sample Collected on (SCT)	:02 Mar 2023 13:20		
Sample Received on (SRT)	: 03 Mar 2023 02:20	Nilli aubta	
Report Released on (RRT)	:03 Mar 2023 05:26	get get	
Sample Type	:SERUM		
Labcode	:0203122858/DH586	Dr Nidhi Gupta MD (Path)	
Barcode	:AP215086		Page : 8 of 20



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		REPORT		
NAME	: ALINA ASIF(24Y/F)		HOME COLLECTION	1:
REF. BY	: SELF		14/37 SA TOWER G	WALTOLI CIVIL LINES FLAT
TEST ASKED	: EXECUTIVE FULL BODY HE	ALTH CHECKUP		
PATIENTID	: AA21088660			
TEST NAME		TECHNOLOGY	VALUE	UNITS
SODIUM		I.S.E	140.9	mmol/l
Reference Ran Adults: 136-14	ige : 5 mmol/l SELECTIVE ELECTRODE			
POTASSIUM		I.S.E	4.86	mmol/l
Reference Ran ADULTS: 3.5-5.	nge: .1 MMOL/L			

Clinical Significance :

An abnormal increase in potassium (hyperkalemia)can profoundly affect the nervous system and increase the chance of irregular heartbeats (arrhythmias), which ,when extreme ,can be fatal. The assay could be affected mildly and may result in anomalous values if serum samples have heterophilic antibodies, hemolyzed , icteric or lipemic. The concentration of Potassium in a given specimen may vary due to differences in assay methods, calibration and reagent specificity.

Method: ION SELECTIVE ELECTRODE			
CHLORIDE	I.S.E	99.2	mmol/l
Reference Range :			
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

Sample Collected on (SCT)	:02 Mar 2023 13:20		
Sample Received on (SRT)	: 03 Mar 2023 02:20	Nilli aufta	
Report Released on (RRT)	: 03 Mar 2023 05:26	Jacob B T	
Sample Type	:SERUM		
Labcode	:0203122858/DH586	Dr Nidhi Gupta MD (Path)	
Barcode	:AP215086		Page : 9 of 20

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Adult : 17-43

< 52

8.8-10.6

3.2 - 6.1

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		REPORT					
NAME	: ALINA ASIF(24Y/F)		HOME COLLECTION	ON:			
REF. BY : SELF			14/37 SA TOWER GWALTOLI CIVIL LINES FLAT NO 609				
TEST ASKED	: EXECUTIVE FULL BODY HEAI	TH CHECKUP	KANFUK				
PATIENTID	: AA21088660						
TEST NAME		TECHNOLOGY	VALUE	UNITS	NORMAL RANGE		
BLOOD UREA	NITROGEN (BUN)	PHOTOMETRY	10.94	mg/dL	7.04-20.07		
CREATININE -	SERUM	PHOTOMETRY	0.63	mg/dl	0.55-1.02		
BUN / SR.CRE	ATININE RATIO	CALCULATED	17.37	Ratio	9:1-23:1		

URIC ACID	PHOTOMETRY	4.5	mg/dl
CALCIUM	PHOTOMETRY	9.09	mg/dl
UREA / SR.CREATININE RATIO	CALCULATED	37.16	Ratio
UREA (CALCULATED)	CALCULATED	23.41	mg/dL
BUN / SR.CREATININE RATIO	CALCULATED	17.37	Ratio
Site in the Second	THOTOHEIK	0105	ilig/ ai

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

Р

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 www.thyrocare.com

REPORT

 NAME
 : ALINA ASIF(24Y/F)

 REF. BY
 : SELF

 TEST ASKED
 : EXECUTIVE FULL BODY HEALTH CHECKUP

HOME COLLECTION : 14/37 SA TOWER GWALTOLI CIVIL LINES FLAT NO 609 KANPUR

PATIENTID : 0021088660

PATIENTID : AA21088660				
TEST NAME	TECHNOLOGY	VALUE	UNITS	REFERENCE RANGE
TOTAL TRIIODOTHYRONINE (T3)	C.L.I.A	73	ng/dl	60-200
TOTAL THYROXINE (T4)	C.L.I.A	8.9	µg/dl	4.5-12
THYROID STIMULATING HORMONE (TSH)	C.L.I.A	6.20	µIU/ml	0.3-5.5

Comments : IF NOT ON DRUGS SUGGESTED FT3 & FT4 ESTIMATION

Please correlate with clinical conditions.

Method :

T3 - Competitive Chemi Luminescent Immuno Assay

T4 - Competitive Chemi Luminescent Immuno Assay

TSH - Sandwich Chemi Luminescent Immuno Assay

Pregnancy reference ranges for TSH/USTSH :

Trimester || T3 (ng/dl) || T4 (µg/dl) || TSH/USTSH (µIU/ml)

1st	83.9-196.6 4.4-11.5 0.1-2.5
2nd	86.1-217.4 4.9-12.2 0.2-3.0
3rd	79.9-186 5.1-13.2 0.3-3.5

References :

1. Carol Devilia, C I Parhon. First Trimester Pregnancy ranges for Serum TSH and Thyroid Tumor reclassified as Benign. Acta Endocrinol. 2016; 12(2) : 242 - 243

2. Kulhari K, Negi R, Kalra DK et al. Establishing Trimester specific Reference ranges for thyroid hormones in Indian women with normal pregnancy : New light through old window. Indian Journal of Contemporary medical research. 2019; 6(4)

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.

Sample Collected on (SCT)	: 02 Mar 2023 13:20		
Sample Received on (SRT)	: 03 Mar 2023 02:20		
Report Released on (RRT)	: 03 Mar 2023 05:26	Nidhi gupta	
Sample Type	: SERUM	0 1	
Labcode	: 0203122858/DH586	Dr Nidhi Gupta MD (Path)	
Barcode	: AP215086		Page : 11 of 20

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mL/min/1.73 m2

126

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CALCULATED

EST. GLOMERULAR FILTRATION RATE (eGFR) Reference Range :-

> = 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

Sample Collected on (SCT)	:02 Mar 2023 13:20	
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Sample Type	SERUM	
Labcode	:0203122858/DH586	Dr Nidhi Gupta MD (Path)
Barcode	: AP215086	

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TEST ASKED

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 REPORT

 NAME
 : ALINA ASIF(24Y/F)

 REF. BY
 : SELF

 HOME COLLECTION :

 14/37 SA TOWER GWALTOLI CIVIL LINES FLAT NO

609 KANPUR

PATIENTID	: AA21088660				
TEST NAME		TECHNOLOGY	VALUE	UNITS	
FASTING BLC	DOD SUGAR(GLUCOSE)	PHOTOMETRY	149.65	mg/dL	

Reference Range :-

As per ADA Guideline: Fasting Plasma Glucose (FPG)		
Normal	70 to 100 mg/dl	
Prediabetes	100 mg/dl to 125 mg/dl	
Diabetes 126 mg/dl or higher		

: EXECUTIVE FULL BODY HEALTH CHECKUP

Note :

The assay could be affected mildly and may result in anomalous values if serum samples have heterophilic antibodies, hemolyzed, icteric or lipemic. The concentration of Glucose in a given specimen may vary due to differences in assay methods, calibration and reagent specificity. For diagnostic purposes results should always be assessed in conjunction with patients medical history, clinical findings and other findings.

Please correlate with clinical conditions. Method:- GOD-PAP METHOD

Sample Collected on (SCT)	: 02 Mar 2023 13:20	
Sample Received on (SRT)	: 03 Mar 2023 02:22 Ninthi auto	la la
Report Released on (RRT)	: 03 Mar 2023 03:55	
Sample Type	FLUORIDE	
Labcode	: 0203122995/DH586 Dr Nidhi Gupta MD (Path	1)
Barcode	: AP479678	



	Corporate office : Thyrocare Technologie	s Limited, ♥ D-37/3, TTC I 70666333 ☑ wellness@	MIDC, Turbhe, Navi Murr hyrocare.com @ww	nbai - 400 703 w.thyrocare.com
NAME REF. BY TEST ASKED	: ALINA ASIF(24Y/F) : SELF : EXECUTIVE FULL BODY HEALTH C	CHECKUP	HOME COLLECTION 14/37 SA TOWER G NO 609 KANPUR	N : WALTOLI CIVIL LINES FLAT
PATIENTID	: AA21088660			
TEST NAME		TECHNOLOGY	VALUE	UNITS
URINE PRO Reference Ra < 0.20 Method : N/A	TEIN CREATININE RATIO	CALCULATED	0.04	
PROTEIN - Reference Ra < 14 Method : N/A	URINE nge:	PHOTOMETRY	2.77	mg/dL
URINARY M Reference Ra Adults: Less th Method : Full	N ICROALBUMIN Inge : nan 25 µg/ml Iy Automated Immuno Turbidometry	PHOTOMETRY	< 5.5	µg/ml
CREATININ Reference Ra Male: 39 - 259 Female: 28 - 2 Method: CPE	E - URINE inge :) mg/dl 217 mg/dl Satining lagge method, Rate-BLANKED AN		70.97	mg/dl
URI. ALBUM	IIN/CREATININE RATIO (UA/C)	CALCULATED	7.7	µg/mg of Creatinine
Reference Ra Adults : Less t Method : Der	nge : than 30 μg/mg of Creatinine ived from Albumin and Creatinine values			
Please corre	elate with clinical conditions.			

Sample Collected on (SCT)	:02 Mar 2023 13:20	1	
Sample Received on (SRT)	: 03 Mar 2023 14:39		0.9
Report Released on (RRT)	:03 Mar 2023 17:40	Kym	Carlint .
Sample Type	: URINE	U V	1842
Labcode	:0303081694/DH586	Dr Kuldeep Singh MD(Path)	Dr Sachin Patil MD(Path)
Barcode	: U2666642		Page : 14 of 20

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Navi Mumbai-400 703



Corporate office : Thyrocare Technologies Limited, 9 D-37/3, TTC MIDC, Turbhe, Navi Mumbai - 400 703 © 022 - 3090 0000 / 6712 3400 © 9870666333 wellness@thyrocare.com @www.thyrocare.com REPORT NAME **HOME COLLECTION :** : ALINA ASIF(24Y/F) 14/37 SA TOWER GWALTOLI CIVIL LINES FLAT NO **REF. BY** : SELF 609 KANPUR **TEST ASKED** : EXECUTIVE FULL BODY HEALTH CHECKUP : AA21088660 PATIENTID **TEST NAME** OBSERVATION UNITS **REFERENCE RANGE Complete Urinogram Physical Examination** VOLUME 3 mL _ COLOUR PALE YELLOW Pale Yellow APPEARANCE CLEAR Clear 1.01 SPECIFIC GRAVITY 1.003-1.030 5 - 8 PH 6.5 _ **Chemical Examination** URINARY PROTEIN ABSENT Absent mg/dl URINARY GLUCOSE ABSENT mg/dl Absent URINE KETONE ABSENT Absent mg/dl URINARY BILIRUBIN ABSENT Absent mg/dl UROBILINOGEN < 0.2 <=0.2 mg/dl BILE SALT ABSENT _ Absent **BILE PIGMENT** ABSENT Absent URINE BLOOD ABSENT Absent NITRITE ABSENT Absent MICROALBUMIN 10 < 30 mg/l **Microscopic Examination** MUCUS ABSENT Absent **RED BLOOD CELLS** ABSENT 0-5 Cells/HPF URINARY LEUCOCYTES (PUS CELLS) ABSENT 0-5 Cells/HPF EPITHELIAL CELLS 1-2 0-5 Cells/HPF CASTS ABSENT Absent CRYSTALS ABSENT Absent BACTERIA ABSENT Absent YEAST PRESENT Absent PARASITE ABSENT Absent Fully Automated Matrix AVE Urinalysis Dipstick Method, Microscopy Method :

Sample Collected on (SCT) : 02 Mar 2023 13:20 Sample Received on (SRT) : 03 Mar 2023 14:39 Report Released on (RRT) : 03 Mar 2023 17:40 Sample Type : URINE Dr Kuldeep Singh MD(Path) Labcode : 0303081694/DH586 Barcode : U2666642

Dr Sachin Patil MD(Path)

PROCESSED AT : Thyrocare D-37/1,TTC MIDC,Turbhe, Navi Mumbai-400 703







REPORT

HOME COLLECTION :

NAME	: ALINA ASIF(24Y/F)
REF. BY	: SELF
TEST ASKED	: EXECUTIVE FULL BODY HEALTH CHECKUP

14/37 SA TOWER GWALTOLI CIVIL LINES FLAT NO 609 KANPUR

PATIENTID : AA21088660

TEST NAME	TECHNOLOGY	VALUE	UNITS	NORMAL RANGE
ARSENIC	ICP-MS	1.14	µg/l	< 5
CADMIUM	ICP-MS	0.46	µg/l	< 1.5
MERCURY	ICP-MS	0.39	µg/I	< 5
LEAD	ICP-MS	46.91	µg/l	< 150
CHROMIUM	ICP-MS	0.56	µg/I	< 30
BARIUM	ICP-MS	1.06	µg/l	< 30
COBALT	ICP-MS	0.43	µg/I	0.10 - 1.50
CAESIUM	ICP-MS	2.93	µg/I	< 5
THALLIUM	ICP-MS	0.06	µg/I	< 1
URANIUM	ICP-MS	0.03	µg/I	< 1
STRONTIUM	ICP-MS	28.53	µg/I	8 - 38
ANTIMONY	ICP-MS	6.17	µg/I	0.10 - 18
TIN	ICP-MS	0.27	µg/I	< 2
MOLYBDENUM	ICP-MS	0.83	µg/I	0.70 - 4.0
SILVER	ICP-MS	0.3	µg/I	< 4
VANADIUM	ICP-MS	0.44	µg/I	< 0.8
BERYLLIUM	ICP-MS	0.02	µg/l	0.10 - 0.80
BISMUTH	ICP-MS	0.18	µg/I	0.10 - 0.80
SELENIUM	ICP-MS	218.03	µg/I	60 - 340
ALUMINIUM	ICP-MS	6.62	µg/I	< 30
NICKEL	ICP-MS	1.07	µg/I	< 15
MANGANESE	ICP-MS	11.38	µg/l	7.10 - 20

Please correlate with clinical conditions.

Method :

ICP - MASS SPECTROMETRY Note:Reference range has been obtained after considering 95% population as cutoff.

Sample Collected on (SCT)	: 02 Mar 2023 13:20		. 1
Sample Received on (SRT)	: 03 Mar 2023 14:59	· / / -	0.Y.
Report Released on (RRT)	: 03 Mar 2023 20:45	Kenne	Saulter
Sample Type	: EDTA		18.20
Labcode	: 0303000531/DH586	Dr Kuldeep Singh MD(Path)	Dr Sachin Patil MD(Path)
Barcode	AP313808		Daga : 16 of 20

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Thyrocare

Female : 0-20

D-37/1,TTC MIDC,Turbhe, Navi Mumbai-400 703







Corporate office : Thyrocare Technologies Limited, 🖗 D-37/3, TTC MIDC, Turbhe, Navi Mumbai - 400 703 © 022 - 3090 0000 / 6712 3400 😟 9870666333 🛛 🛥 wellness@thyrocare.com ⊕ www.thyrocare.com REPORT NAME : ALINA ASIF(24Y/F) **HOME COLLECTION :** 14/37 SA TOWER GWALTOLI CIVIL LINES FLAT NO **REF. BY** : SELF 609 KANPUR : EXECUTIVE FULL BODY HEALTH CHECKUP **TEST ASKED** PATIENTID : AA21088660 TECHNOLOGY VALUE UNITS **TEST NAME ERYTHROCYTE SEDIMENTATION RATE (ESR)** WESTERGREN 25 mm / hr Reference Range :-Male : 0-15

Please correlate with clinical conditions. Method:- WESTERGREN

Sample Collected on (SCT)	:02 Mar 2023 13:20		
Sample Received on (SRT)	: 03 Mar 2023 14:59		0.4
Report Released on (RRT)	: 03 Mar 2023 20:45	Kenne	Rautin .
Sample Type	EDTA		1842.
Labcode	:0303000531/DH586	Dr Kuldeep Singh MD(Path)	Dr Sachin Patil MD(Path)
Barcode	: AP313808		Page : 17 of 20







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Sample Collected on (SCT)	:02 Mar 2023 13:20	1	
Sample Received on (SRT)	: 03 Mar 2023 14:59	· / / -	0.9
Report Released on (RRT)	: 03 Mar 2023 20:45	Kym	Rashing .
Sample Type	: EDTA		1842-
Labcode	:0303000531/DH586	Dr Kuldeep Singh MD(Path)	Dr Sachin Patil MD(Path)
Barcode	:AP313808		Page : 18 of 20

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Corporate office : Thyrocare Technologies Limited, Q D-37/3, TTC MIDC, Turbhe, Navi Mumbai - 400 703 © 022 - 3090 0000 / 6712 3400 © 9870666333 REPO NAME : ALINA ASIF(24Y/F) **HOME COLLECTION :** : SELF **REF. BY** 14/37 SA TOWER GWALTOLI CIVIL LINES FLAT NO 609 KANPUR : EXECUTIVE FULL BODY HEALTH CHECKUP **TEST ASKED** PATIENTID : AA21088660 UNITS **TEST NAME** VALUE **REFERENCE RANGE** 4 0-10 0 TOTAL LEUCOCYTES COUNT (WBC) 7.34 X 10³ / μL 81.3 40-80 NEUTROPHILS % 16.5 20.0-40.0 LYMPHOCYTE PERCENTAGE % 0.0-10.0 MONOCYTES 1.2 % 0.0-6.0 EOSINOPHILS 0.5 % <2 BASOPHILS 0.2 % 0.0-0.4 0.3 IMMATURE GRANULOCYTE PERCENTAGE(IG%) % 2.0-7.0 **NEUTROPHILS - ABSOLUTE COUNT** 5.97 X 10³ / μL 1.0-3.0 LYMPHOCYTES - ABSOLUTE COUNT 1.21 X 10³ / µL 0.2-1.0 **MONOCYTES - ABSOLUTE COUNT** 0.09 X 10³ / µL **BASOPHILS - ABSOLUTE COUNT** 0.01 X 103 / µL 0.02-0.1 0.04 0.02-0.5 **EOSINOPHILS - ABSOLUTE COUNT** X 10³ / µL 0.0-0.3 IMMATURE GRANULOCYTES(IG) 0.02 X 10³ / µL 4.88 3.9-4.8 **TOTAL RBC** X 10^6/µL Nil < 0.01 NUCLEATED RED BLOOD CELLS X 10³ / µL < 0.01 NUCLEATED RED BLOOD CELLS % Nil % 14 12.0-15.0 HEMOGLOBIN g/dL **HEMATOCRIT(PCV)** 47.8 36.0-46.0 % 98 83.0-101.0 MEAN CORPUSCULAR VOLUME(MCV) fL 27.0-32.0 MEAN CORPUSCULAR HEMOGLOBIN(MCH) 28.7 pq MEAN CORP.HEMO.CONC(MCHC) 29.3 31.5-34.5 g/dL **RED CELL DISTRIBUTION WIDTH - SD(RDW-SD)** 49.1 39.0-46.0 fL 11.6-14.0 RED CELL DISTRIBUTION WIDTH (RDW-CV) 13.4 % 150-400 PLATELET COUNT 159 X 10³ / µL

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)

(This device performs hematology analyses according to the Hydrodynamic Focussing (DC method), Flow Cytometry Method (using a semiconductor laser), and SLS- hemoglobin method)

~~ End of report ~~

Sample Collected on (SCT) Sample Received on (SRT) Report Released on (RRT) Sample Type Labcode Barcode



.03 Mar 2023 14:59 .03 Mar 2023 20:45

.02 Mar 2023 13:20

. EDTA

- : 0303000531/DH586
- : AP313808

Dr Kuldeep Singh MD(Path)

Dr Sachin Patil MD(Path) Page : 19 of 20

CONDITIONS OF REPORTING

- v The reported results are for information and interpretation of the referring doctor only.
- v It is presumed that the tests performed on the specimen belong to the patient; named or identified.
- v Results of tests may vary from laboratory to laboratory and also in some parameters from time to time for the same patient.
- v Should the results indicate an unexpected abnormality, the same should be reconfirmed.
- v Only such medical professionals who understand reporting units, reference ranges and limitations of technologies should interpret results.
- v This report is not valid for medico-legal purpose.
- v 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.
- v Thyrocare Discovery video link :- <u>https://youtu.be/nbdYeRgYyQc</u>
- v For clinical support please contact @8450950852,8450950853,8450950854 between 10:00 to 18:00

EXPLANATIONS

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

SUGGESTIONS

- v Values out of reference range requires reconfirmation before starting any medical treatment.
 - Retesting is needed if you suspect any quality shortcomings.
- v Testing or retesting should be done in accredited laboratories.
- v For suggestions, complaints or feedback, write to us at info@thyrocare.com or call us on 022-3090 0000 / 6712 3400
- v SMS:<Labcode No.> to 9870666333

v

