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 : XXXXXXXXXXXXXXXX
REF. BY : XXXXXXXXXXXXXXXX
TEST ASKED : BLOOD SUGAR (F)

SAMPLE COLLECTED AT :
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS
FASTING BLOOD SUGAR(GLUCOSE)	**PHOTOMETRY**	**106.44**	**mg/dL**

Bio. Ref. Interval. :-

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

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

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 : FLUORIDE PLASMA
Labcode :
Barcode :

Doctor 1 Sign Doctor 2 Sign

Note:- Underlined values are Critical Values, Clinician's attention required.

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REPORT

NAME : XXXXXXXXXXXXXXXX
REF. BY : XXXXXXXXXXXXXXXX
TEST ASKED : CARDIAC PACKAGE 1

SAMPLE COLLECTED AT :
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS	Bio. Ref. Interval.
TOTAL CHOLESTEROL	PHOTOMETRY	198	mg/dL	< 200
HDL CHOLESTEROL - DIRECT	PHOTOMETRY	47	mg/dL	40-60
LDL CHOLESTEROL - DIRECT	**PHOTOMETRY**	**117**	**mg/dL**	**< 100**
TRIGLYCERIDES	**PHOTOMETRY**	**170**	**mg/dL**	**< 150**
TC/ HDL CHOLESTEROL RATIO	CALCULATED	4.2	Ratio	3 - 5
TRIG / HDL RATIO	**CALCULATED**	**3.59**	**Ratio**	**< 3.12**
LDL / HDL RATIO	CALCULATED	2.5	Ratio	1.5-3.5
HDL / LDL RATIO	CALCULATED	0.4	Ratio	> 0.40
NON-HDL CHOLESTEROL	CALCULATED	150.4	mg/dL	< 160
VLDL CHOLESTEROL	CALCULATED	34	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) : 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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Dummy Report

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REPORT

NAME : XXXXXXXXXXXXXXXX
REF. BY : XXXXXXXXXXXXXXXX
TEST ASKED : CARDIAC PACKAGE 1

SAMPLE COLLECTED AT :
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS	Bio. Ref. Interval.
CREATININE - SERUM	PHOTOMETRY	0.63	mg/dL	0.72-1.18

Please correlate with clinical conditions.

Method :

SCRE - Creatinine Enzymatic Method

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

Note:- Underlined values are Critical Values, Clinician's attention required.

NAME : XXXXXXXXXXXXXXXX
REF. BY : XXXXXXXXXXXXXXXX
TEST ASKED : CARDIAC PACKAGE 1

SAMPLE COLLECTED AT :
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS
EST. GLOMERULAR FILTRATION RATE (eGFR)	CALCULATED	108	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

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

Note:- Underlined values are Critical Values, Clinician's attention required.

REPORT

NAME : XXXXXXXXXXXXXXXX
REF. BY : XXXXXXXXXXXXXXXX
TEST ASKED : BLOOD SUGAR (PP)

SAMPLE COLLECTED AT :
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS
POSTPRANDIAL BLOOD SUGAR(GLUCOSE)	PHOTOMETRY	115.45	mg/dL

Bio. Ref. Interval. :-

As per ADA Guideline: Random/Post-Prandial Plasma Glucose (RPG/PPPG)	
Normal	70 to 140 mg/dl
Impaired Glucose Tolerance	140 - 199 mg/dl
Diabetes	Greater than or Equal to 200

Please correlate with clinical conditions.

Method:- GOD-PAP METHOD

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 : FLUORIDE PLASMA
Labcode :
Barcode :

Doctor 1 Sign Doctor 2 Sign

Note:- Underlined values are Critical Values, Clinician's attention required.

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REPORT

NAME : XXXXXXXXXXXXXXXX
REF. BY : XXXXXXXXXXXXXXXX
TEST ASKED : COMPLETE URINE ANALYSIS

SAMPLE COLLECTED AT :
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

TEST NAME	METHODOLOGY	VALUE	UNITS	Bio. Ref. Interval.
Complete Urinogram				
Physical Examination				
VOLUME	Visual Determination	3	mL	-
COLOUR	Visual Determination	PALE YELLOW	-	Pale Yellow
APPEARANCE	**Visual Determination**	**SLIGHT CLOUDY**	**-**	**Clear**
SPECIFIC GRAVITY	pKa change	1.02	-	1.003-1.030
PH	pH indicator	5.5	-	5-8
Chemical Examination				
URINARY PROTEIN	PEI	ABSENT	mg/dL	Absent
URINARY GLUCOSE	**GOD-POD**	**Present 1+(100-250 mg/dl)**	**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**	**PRESENT**	**-**	**Absent**
Microscopic Examination				
MUCUS	Microscopy	ABSENT	-	Absent
RED BLOOD CELLS	Microscopy	ABSENT	cells/HPF	0-5
URINARY LEUCOCYTES (PUS CELLS)	**Microscopy**	**6**	**cells/HPF**	**0-5**
EPITHELIAL CELLS	Microscopy	1	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**)**

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 : URINE
Labcode :
Barcode :

Doctor 1 Sign Doctor 2 Sign

Note:- Underlined values are Critical Values, Clinician's attention required.

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REPORT

NAME : XXXXXXXXXXXXXXXX
REF. BY : XXXXXXXXXXXXXXXX
TEST ASKED : HEMOGRAM

SAMPLE COLLECTED AT :
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

TEST NAME	METHODOLOGY	VALUE	UNITS	Bio. Ref. Interval.
HEMOGLOBIN	SLS-Hemoglobin Method	16.2	g/dL	13.0-17.0
Hematocrit (PCV)	**CPH Detection**	**50.2**	**%**	**40.0-50.0**
Total RBC	**HF & EI**	**5.55**	**X 10^6/µL**	**4.5-5.5**
Mean Corpuscular Volume (MCV)	Calculated	90.5	fL	83.0-101.0
Mean Corpuscular Hemoglobin (MCH)	Calculated	29.2	pq	27.0-32.0
Mean Corp.Hemo. Conc (MCHC)	Calculated	32.3	g/dL	31.5-34.5
Red Cell Distribution Width - SD (RDW-SD)	Calculated	42	fL	39-46
Red Cell Distribution Width (RDW - CV)	Calculated	12.6	%	11.6-14
TOTAL LEUCOCYTE COUNT (WBC)	HF & FC	7.65	X 10^3 / µL	4.0 - 10.0
DIFFERENTIAL LEUCOCYTE COUNT				
Neutrophils Percentage	Flow Cytometry	46.7	%	40-80
Lymphocytes Percentage	**Flow Cytometry**	**42.7**	**%**	**20-40**
Monocytes Percentage	Flow Cytometry	8.4	%	2-10
Eosinophils Percentage	Flow Cytometry	1.7	%	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	0.01	%	0.0-5.0
ABSOLUTE LEUCOCYTE COUNT				
Neutrophils - Absolute Count	Calculated	3.57	X 10^3 / µL	2.0-7.0
Lymphocytes - Absolute Count	**Calculated**	**3.27**	**X 10^3 / µL**	**1.0-3.0**
Monocytes - Absolute Count	Calculated	0.64	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	0.13	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	214	X 10^3 / µL	150-410
Mean Platelet Volume (MPV)	Calculated	9.9	fL	6.5-12
Platelet Distribution Width (PDW)	Calculated	11.3	fL	9.6-15.2
Platelet to Large Cell Ratio (PLCR)	Calculated	24.4	%	19.7-42.4
Plateletcrit (PCT)	Calculated	0.21	%	0.19-0.39

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

Clinical history is asked for all the relevant abnormalities detected and in absence / failure of receiving of clinical history, results are rechecked twice and released. Advised clinical correlation.

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**)**

~~ End of report ~~

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

Note:- Underlined values are Critical Values, Clinician's attention required.