

AARTHI DIAGNOSTICS

CHAIN OF AFFORDABLE DIAGNOSTIC CENTRES



Patient : **DASHRATH PANDEY**
Age / Sex : 64 Y / Male
Referrer : Self
Branch : RAJAJI NAGAR

SID No. : **37000534**
Reg Date & Time : 31/07/2019 12:50:21
Coll Date & Time : 31/07/2019 19:51:03
Report Date & Time : 01/08/2019 11:38:32

INVESTIGATION / METHOD	RESULT	UNITS	BIOLOGICAL REFERENCE INTERVAL
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HAEMATOLOGY

GVR PACKAGE

COMPLETE BLOOD COUNT(CBC)

RBC (Red Blood Cell Count) (Method : WB/Automated) (Specimen: EDTA WHOLE BLOOD)	4.50	Million/cmm	4.2-6.1
Haemoglobin (Method : WB/Automated) (Specimen: EDTA WHOLE BLOOD)	14.9	gms/dl	13-17
PCV -(Haematocrit-Packed Cell Volume) (Method : WB/Automated) (Specimen: EDTA WHOLE BLOOD)	45.1	%	40-50
MCV (Mean Corpuscular Volume) (Method : WB/Automated) (Specimen: EDTA WHOLE BLOOD)	100.1	fl	80 - 96
MCH (Mean Corpuscular Hemoglobin) (Specimen: EDTA WHOLE BLOOD)	33.1	pg	27 - 32
MCHC (Mean Corpuscular Hemoglobin Concentration) (Method : WB/Automated) (Specimen: EDTA WHOLE BLOOD)	33.0	%	32 - 36
Total WBC Count (Method : WB/Automated) (Specimen: EDTA WHOLE BLOOD)	5900	cells/cumm	4000 - 10000

DIFFERENTIAL COUNT(DC):EDTA WHOLE BLOOD

(Optical(light scatter)Microscopy)

Neutrophils (Specimen: EDTA WHOLE BLOOD)	51	%	40-80
Lymphocytes (Specimen: EDTA WHOLE BLOOD)	27	%	20-40
Monocytes (Specimen: EDTA WHOLE BLOOD)	6	%	2 - 10 %
Eosinophils (Specimen: EDTA WHOLE BLOOD)	16	%	1-6
Basophils (Specimen: EDTA WHOLE BLOOD)	0	%	< 1 - 2 %
Platelet Count (Method : WB/Automated) (Specimen: EDTA WHOLE BLOOD)	1.53	Lakhs/cumm	1.5-4.1

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ESR (Westergren Method)			
1 Hour (Specimen: EDTA WHOLE BLOOD)	15	mm	<14
BIOCHEMISTRY			
GVR PACKAGE			
Glycosylated HbA1c With Graph (HPLC)			
HbA1c (Method :HPLC) (Specimen: EDTA WHOLE BLOOD)	5.7	%	Non-Diabetic Level: < 5.7% Pre Diabetic :5.7-6.4% Diabetic Level :>=6.5% Goal :7.0%
Mean Blood Glucose Level (Specimen: EDTA WHOLE BLOOD)	116.89	mg/dl	
<p>The A1C test results reflects your average blood sugar level for the past two to three months.It is a better reflection of how well your diabetes treatment plan is working overall. A committee of experts from the American Diabetes Association recommend that the A1C test be the primary test used to diagnose prediabetes, type 1 diabetes and type 2 diabetes.</p>			
GLUCOSE (F) (Method : HEXOKINASE) (Specimen: FLUORIDE PLASMA)	146.0	mgs/dl	74-100
LIPID PROFILE			
CHOLESTEROL (Method : Cholesterol Oxidase,esterase,Peroxidase) (Specimen: SERUM)	180.7	mgs/dl	Desirable :<200 Boderline high :200-239 High :>240
HDL CHOLESTEROL (Method : Direct) (Specimen: SERUM)	29.6	mgs/dl	>40
LDL CHOLESTEROL (Method : Direct) (Specimen: SERUM)	124	mgs/dl	Optimal :<100 Near Optimal/above Optimal:100-129 Borderline high :132-159 High :159-189 VeryHigh :>190
TRIGLYCERIDES (Method : Lipase/Glycerol Dehydrogenase) (Specimen: SERUM)	324.9	mgs/dl	Normal :<150 mg/dl Boderline high:150-199 mg/dl High :200-499 mg/dl very high :>500 mg/dl

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VLDL CHOLESTEROL (Method : Calculation) (Specimen: SERUM)	65.0	mgs/dl	10 - 40
Non-HDL Cholesterol (Specimen: SERUM)	151.1		<160 mg/dl
CHO / HDL RATIO (Method : Calculation) (Specimen: SERUM)	6.1	Ratio	Optimal<3.5 Goal <5.0
LDL/HDL RATIO (Specimen: SERUM)	4.2	Ratio	1.5-3.5
TGL/HDL Ratio (Method : Calculated) (Specimen: SERUM)	11.0		Ideal :<2.0 High risk :>4.0 Very high risk:6.0
RENAL PROFILE			
UREA (Method : Urease) (Specimen: SERUM)	21.1	mgs/dl	17-49
CREATININE (Method : Creatinine amidohydrolase) (Specimen: SERUM)	0.8	mg/dl	0.8-1.3
URIC ACID (Method : Uricase) (Specimen: SERUM)	5.3	mg/dl	3.5-7.2
CALCIUM (Method : Arsenazo III) (Specimen: SERUM)	9.2	mg/dl	8.6-10.2
PHOSPHORUS (Specimen: SERUM)	2.5	mg/dl	2.5 - 4.5
ELECTROLYTES			
SODIUM (Method : ISE) (Specimen: SERUM)	138.0	mmol/L	137-145
POTASSIUM (Method : ISE) (Specimen: SERUM)	3.5	mmol/L	3.4-5.1
CHLORIDE (Method : ISE) (Specimen: SERUM)	102.0	mmol/L	98.0 - 107

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LIVER FUNCTION TEST			
BILIRUBIN TOTAL (Method : Diazo) (Specimen: SERUM)	1.85	mgs/dl	0.3-1.2
BILIRUBIN DIRECT (Method : Diazo) (Specimen: SERUM)	0.22	mgs/dl	<0.2
BILIRUBIN INDIRECT (Method : Diazo) (Specimen: SERUM)	1.63	mgs/dl	0.2 - 0.9
Serum Glutamic Oxaloacetic Transaminase(SGOTorAST) (Method : IFCC) (Specimen: SERUM)	25.9	U/L	<35
Serum Glutamic Pyruvic Transaminase(SGPT or ALT) (Method : IFCC) (Specimen: SERUM)	21.9	U/L	<45
ALKALINE PHOSPHATASE (Method : AMP) (Specimen: SERUM)	63.0	U/L	56-119
GAMMA GT (Method : Glutamyltransferase) (Specimen: SERUM)	27.5	U/L	MALE : Less than 55 FEMALE : Less than 38
TOTAL PROTEIN (Method : Biuret) (Specimen: SERUM)	7.16	gms/dl	6.2-8.1
ALBUMIN (Specimen: SERUM)	4.20	gms/dl	3.2-4.6
GLOBULIN (Method : Calculation) (Specimen: SERUM)	2.96	gms/dl	2.3 - 3.5
A/G RATIO (Specimen: SERUM)	1.4		0.8-2.0
AST/ALT (Method : Calculated) (Specimen: SERUM)	1.2		

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CLINICAL PATHOLOGY

GVR PACKAGE

RENAL PROFILE

URINE COMPLETE ANALYSIS(FULLY AUTOMATED) (DIPSTICK)

METHOD - DIPSTIC & MICROSCOPY

PHYSICAL EXAMINATION

COLOUR (Method :Automated Reflectance Spectrometere) (Specimen: URINE)	Light Yellow	Pale Yellow
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CLARITY (Method :Automated Reflectance Spectrometere) (Specimen: URINE)	Clear	
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CHEMICAL EXAMINATION

PH (Method :Automated Reflectance Spectrometere) (Specimen: URINE)	6.5	4.6 - 8.0
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REACTION (Specimen: URINE)	Acidic	
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SPECIFIC GRAVITY (Method :Automated Reflectance Spectrometere) (Specimen: URINE)	1.003	1.000-1.030
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SUGAR-URINE(F) (Method :Automated Reflectance Spectrometere) (Specimen: URINE)	NIL	Nil
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ALBUMIN (Method :Automated Reflectance Spectrometere) (Specimen: URINE)	NIL	Nil
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ACETONE (Method :Automated Reflectance Spectrometere) (Specimen: URINE)	Negative	
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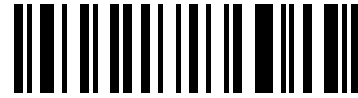
BILE PIGMENTS&BILESALTS (Method :Automated Reflectance Spectrometere) (Specimen: URINE)	Negative	Absent
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UROBILINOGEN (Method :Automated Reflectance Spectrometere) (Specimen: URINE)	Normal	µmol/L
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NITRITE (Method :Automated Reflectance Spectrometere) (Specimen: URINE)	Negative	
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BLOOD (Specimen: URINE)	Absent		
MICROSCOPIC EXAMINATION			
PUS CELLS (Method :Microscopic Imaging-dual focus mechanism) (Specimen: URINE)	2-4/hpf	/ hpf	0-5
EPITHELIAL CELLS (Method :Microscopic Imaging-dual focus mechanism) (Specimen: URINE)	1-3/hpf	/ hpf	0-5
RBC'S (Method :Microscopic Imaging-dual focus mechanism) (Specimen: URINE)	NIL	/ hpf	0-5
CRYSTAL (Method :Microscopic Imaging-dual focus mechanism) (Specimen: URINE)	NIL		Nil
HYALINE CAST (Method :Microscopic Imaging-dual focus mechanism) (Specimen: URINE)	NIL		0-2 hyaline cast
PATHOLOGICAL CAST (Method :Microscopic Imaging-dual focus mechanism) (Specimen: URINE)	NIL		
BACTERIA (Method :Microscopic Imaging-dual focus mechanism) (Specimen: URINE)	NIL		
YEAST (Method :Microscopic Imaging-dual focus mechanism) (Specimen: URINE)	NIL		
SPERMES (Method :Microscopic Imaging-dual focus mechanism) (Specimen: URINE)	NIL		
MUCUS (Method :Microscopic Imaging-dual focus mechanism) (Specimen: URINE)	NIL		

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IMMUNOLOGY

GVR PACKAGE

TSH (Thyroid-stimulating hormone) (Method : CLIA) (Specimen: SERUM)	2.291	uIU/ml	0.4-4.5 Pregnancy: 1st Trimester:0.3-4.5 2nd Trimester:0.5-5.6 3rd Trimester:0.8-5.2
25(OH) Vit.D Total (Method : CLIA) (Specimen: SERUM)	19.57	ng/ml	Deficiency : < 20 Insufficiency : 20-30 Sufficiency : 30-100 Toxicity : > 100

End of the Report

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