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भारत सरकार Government of India





आभा सिन्हा Abha Sinha जन्म तिथि/DOB: 15/03/1992 महिला/ FEMALE

9260 1327 2832

VID: 9186 2616 0453 3787

मेरा आधार, मेरी पहचान

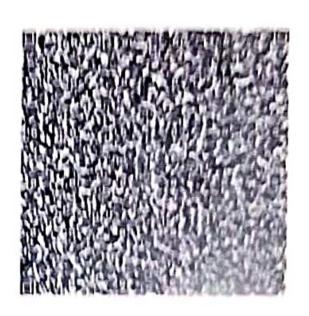
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Address: DO: Surendra Prasad Singh, Dillu Bigha, Barnausa Nalanda Bihar, Barnausa, Visioncia,

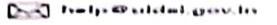
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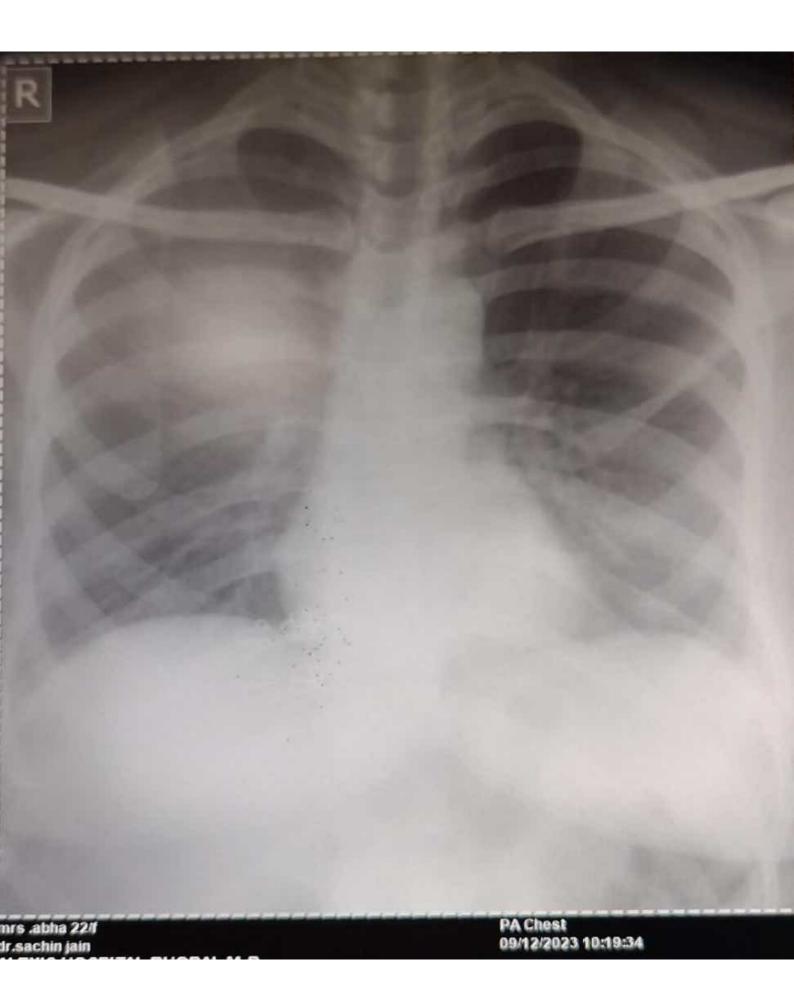
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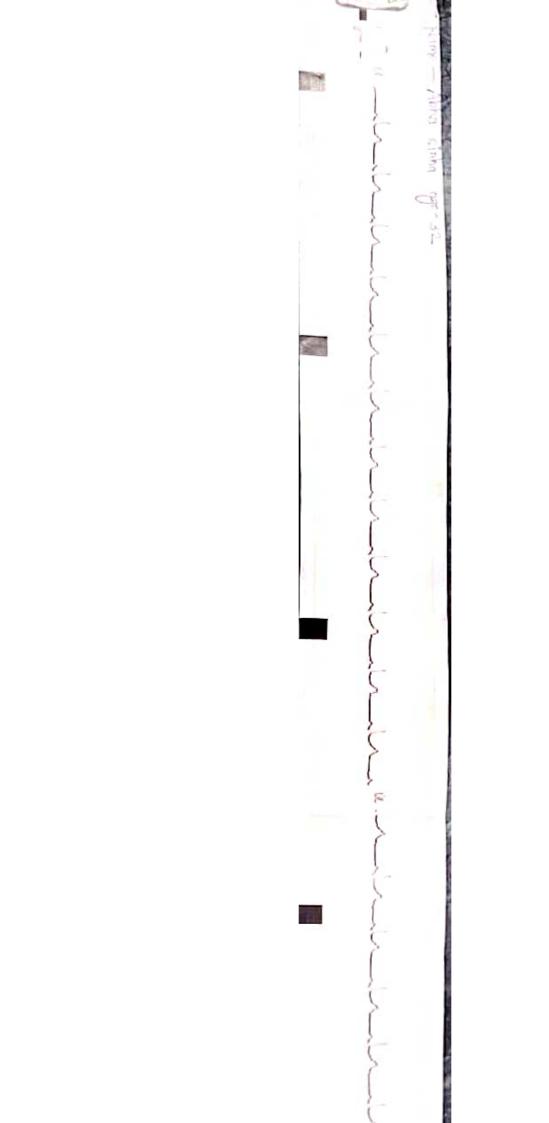


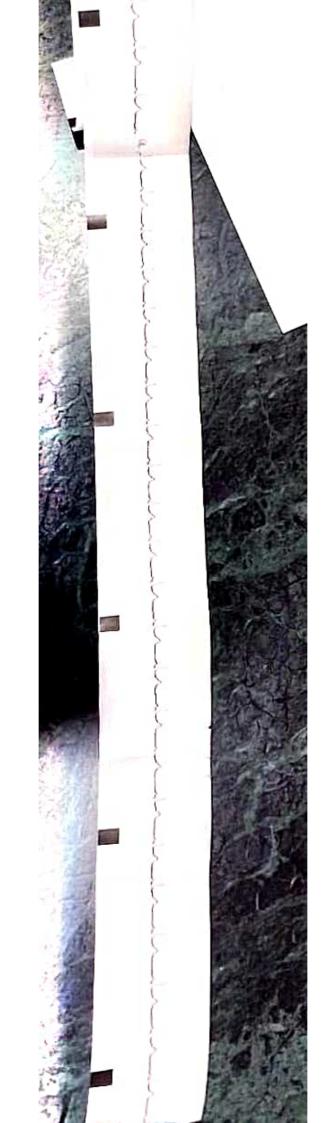




Name-Abha sinha

Weight - 68 Height - 5.4 B. P. - 100/60







Laboratory Report

Patient Name: MRS ABHA SINHA

Age/Gender : 31 Yrs/Female

Ref. Dr. : SELF Center : AP98 Registration Date : 09/12/2023 07:45 PM Collection Date : 09/12/2023 07:48 PM

Report Date : 09/12/2023 09:40 PM



HAEMATOLOGY REPORT

Test Description	Result	Unit	Biological Reference Ranges
HbA1c Glycosilated Haemoglobin	5.7	%	Non-diabetic: <= 6.0
. i.e. t. e e.i.j eee i.a.ea i laeiniegieein			Pre-diabetic: 6.0-7.0
			Diabetic: >= 7.0
Estimated Average Glucose:	117	mg/dL	

Reference Range (Average Blood Sugar):

Excellent control : 90 - 120 mg/dl

Good control : 121 - 150 mg/dl

Average control : 151 - 180 mg/dl

Action suggested : 181 - 210 mg/dl

Panic value : > 211 mg/dl

Interpretation & Remark:

- 1. HbA1c is used for monitoring diabetic control. It reflects the estimated average glucose (eAG).
- 2. HbA1c has been endorsed by clinical groups & ADA (American Diabetes Association) guidelines 2017, for diagnosis of diabetes using a cut-off point of 6.5%.
- 3. Trends in HbA1c are a better indicator of diabetic control than a solitary test.
- 4. Low glycated haemoglobin(below 4%) in a non-diabetic individual are often associated with systemic inflammatory diseases, chronic anaemia(especially severe iron deficiency & haemolytic), chronic renal failure and liver diseases. Clinical correlation suggested.
- 5. To estimate the eAG from the HbA1C value, the following equation is used: eAG(mg/dl) = 28.7*A1c-46.7
- 6. Interference of Haemoglobinopathies in HbA1c estimation.
 - A. For HbF > 25%, an alternate platform (Fructosamine) is recommended for testing of HbA1c.
 - B. Homozygous hemoglobinopathy is detected, fructosamine is recommended for monitoring diabetic status
 - C. Heterozygous state detected (D10/ turbo is corrected for HbS and HbC trait).
- 7. In known diabetic patients, following values can be considered as a tool for monitoring the glycemic control. Excellent Control
- 6 to 7 %, Fair to Good Control 7 to 8 %, Unsatisfactory Control 8 to 10 % and Poor Control More than 10 %.





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HAEMATOLOGY REPORT

Test Description	Result	Unit	Biological Reference Ranges
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BLOOD GROUP AND RH FACTOR

ABO Type B

Rh Factor POSITIVE(+VE)







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BIOCHEMISTRY REPORT

Test Description	Result	Unit	Biological Reference Ranges			
RENAL FUNCTION TEST (RFT)						
Blood Urea	27.6	mg/dl	15 - 50			
Serum Creatinine	0.88	mg/dl	0.6 - 1.5			
eGFR	88	ml/min				
Blood Urea Nitrogen-BUN	12.90	mg/dl	7 - 20			
Serum Sodium	137.2	mmol/L	135 - 150			
Serum Potassium	4.29	mmol/L	3.5 - 5.0			
Chloride	97.3	mmol/L	94.0 - 110.0			
Uric Acid	5.1	mg/dl	2.6 - 6.0			
NOTE: Please correlate with clinica	I conditions.					

PATHLABS





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BIOCHEMISTRY REPORT

Test Description	Result	Unit	Biological Reference Ranges			
LIVER FUNCTION TEST (LFT)						
TOTAL BILIRUBIN	0.66	mg/dl	0 - 1.2			
DIRECT BILIRUBIN	0.21	mg/dL	0 - 0.3			
INDIRECT BILIRUBIN	0.45	mg/dl	0.1 - 0.8			
SGOT (AST)	19.3	U/L	0 - 35			
SGPT (ALT)	17.2	U/L	0 - 45			
ALKALINE PHOSPHATASE	79.6	U/L	64 - 147			
GAMMA GLUTAMYL	17.2	IU/L	12 - 4 <mark>3</mark>			
TRANSFERASE						
TOTAL PROTEIN	7.32	g/dl	6. <mark>4 - 8.3</mark>			
SERUM ALBUMIN	4.21	g/dl	3. <mark>2</mark> - 5.2			
SERUM GLOBULIN	3.11	g/dl	1.8 - 3.6			
A/G RATIO	1.35		1.2 - 2.2			
NOTE - Places correlate with clinic	al conditions					

NOTE: Please correlate with clinical conditions.





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BIOCHEMISTRY REPORT

Test Description	Result	Unit	Biological Reference Ranges
LIPID PROFILE			
Cholesterol-Total	179.0	mg/dL	< 200 Desirable 200-239 Borderline High > 240 High
Triglycerides level	132.0	mg/dL	< 150 Normal 150-199 Borderline High 200-499 High > 500 Very High
HDL Cholesterol	44.3	mg/dL	< 40 Major Risk for Heart
LDL Cholesterol	108.30	mg/dL	< 100 Optimal 100-129 Near/Above Optimal 130-159 Borderline high 160-189 High > 190 Very High
VLDL Cholesterol	26.40	mg/dL	6 - 38
CHOL/HDL RATIO	4.04		3.5 - 5.0
LDL/HDL RATIO NOTE 8-10 hours fasting sample is re	2.44 equired		2.5 - 3.5



9001:2015





Diabetes mellitus: >= 126

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BIOCHEMISTRY REPORT

Test Description	Result	Unit	Biological Reference Ranges
Fasting Blood Sugar	93.2	mg/dl	Normal: 70-110
			Impaired Fasting Glucose(IFG):
			100-125

Method: Hexokinase

Note:- An individual may show higher fasting glucose level in comparison to post prandial glucose level due to following reasons. The glycaemic index and response to food consumed, Changes in body composition, Increased insulin response and sensitivity, Alimentary hypoglycemia, Renal glycosuria, Effect of oral hypoglycaemics & Insulin treatment.

PATHLABS





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IMMUNOASSAY REPORT

Test Description	Result	Unit	Biological Reference Ranges
TRI-IODOTHYRONIN, (T3)	1.88	ng/mL	0.69 - 2.15
THYROXIN, (T4)	89.2	ng/mL	52 - 127
Thyroid Stimulating Hormone(TSH)-	2.17	μIU/mL	0.3-4.5
Serum			Pregnancy (As per American
			Thyroid Association)

First Trimester : 0.1-2.5 Second Trimester : 0.2-3.0 Third trimester : 0.3-3.0

Method: CLIA

INTERPRETATION

TSH	T3 / FT3	T4 / FT4	Suggested Interpretation for the Thyroid Function Tests Pattern
Within Range	Decreased	Within Range	• Isolated Low T3-often seen in elderly & associated Non-Thyroidal illness. In elderly the drop in T3 level can be upto 25%.
Raised	Within Range	Within Range	 Isolated High TSHespecially in the range of 4.7 to 15 mIU/ml is commonly associated with Physiological & Biological TSH Variability. Subclinical Autoimmune Hypothyroidism Intermittent T4 therapy for hypothyroidism Recovery phase after Non-Thyroidal illness"
Raised	Decreased	Decreased	Chronic Autoimmune Thyroiditis Post thyroidectomy,Post radioiodine Hypothyroid phase of transient thyroiditis"
Raised or within Range	Raised	Raised or within Range	Interfering antibodies to thyroid hormones (anti-TPO antibodies) Intermittent T4 therapy or T4 overdose Drug interference- Amiodarone, Heparin,Beta blockers,steroids,anti-epileptics"
Decreased	Raised or within Range	Raised or within Range	•Isolated Low TSH -especially in the range of 0.1 to 0.4 often seen in elderly & associated with Non-Thyroidal illness •Subclinical Hyperthyroidism •Thyroxine ingestion"
Decreased	Decreased	Decreased	•Central Hypothyroidism •Non-Thyroidal illness •Recent treatment for Hyperthyroidism (TSH remains suppressed)"
Decreased	Raised	Raised	 Primary Hyperthyroidism (Graves' disease), Multinodular goitre, Toxic nodule Transient thyroiditis: Postpartum, Silent (lymphocytic), Postviral (granulomatous, subacute, DeQuervain's), Gestational thyrotoxicosis with hyperemesis gravidarum"
Decreased or within Range	Raised	Within Range	•T3 toxicosis •Non-Thyroidal illness





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Not seen

Not seen



URINE EXAMINATION REPORT

Test Description	Result	Unit	Piological Potoroneo Pangos
rest pescription	nesuit	Uilli	Biological Reference Ranges
URINE ROUTINE			
General Examination			
Colour	Pale Yellow		Pale Yellow
Transparency (Apperance)	Clear		Clear
Deposit	Absent		Absent
Reaction (pH)	Acidic		5.0-8.5
Specific Gravity	1.025		-1.005-1.030
Chemical Examination			
Urine Protein	Absent		Absent
Urine Ketones (Acetone)	Absent		Absent
Urine Glucose	Absent		Absent
Bile pigments	Absent		Absent
Bile salts	NIL		NIL
Urobilinogen	Normal		Normal
Nitrite	Negative		Negative
Microscopic Examination			
RBC's	NIL	/hpf	NIL
Leukocyte (Pus cells)	1-2	/hpf	0-5/hpf
Epithelial Cells	2-4	/hpf	0-4/hpf
Crystals	Absent		Absent
Casts	Not Seen		Not Seen
Amorphous deposits	Absent		Absent

Note: 1. Chemical examination through Dipstick includes test methods as Protein (Protein Error Principle), Glucose (Glucose oxidase-Peroxidase), Ketone (Legals Test), Bilirubin (Azo- Diazo reaction), Urobilinogen (Diazonium ion Reaction) Nitrite (Griess Method). All abnormal results of chemical examination are confirmed by manual methods. 2. Pre-test conditions to be observed while submitting the sample- First void, mid-stream urine, collected in a clean, dry, sterile container is recommended for routine urine analysis, avoid contamination with any discharge from vaginal, urethra, perineum, as applicable, avoid prolonged transit time & undue exposure to sunlight. 3. During interpretation, points to be considered are Negative nitrite test does not exclude the urinary tract infections, Trace proteinuria can be seen with many physiological conditions like prolonged recumbency, exercise, high protein diet. False positive reactions for bile pigments, proteins, glucose and nitrites can be caused by peroxidase like activity by disinfectants, therapeutic dyes,

Not seen

Not seen



Dr. Sushil Kumar Sharma M.D (Pathology) Consultant Pathologist



Bacteria

Yeast Cells



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Test Description	Result	Unit	Biological Reference Ranges
COMPLETE BLOOD COUNT			
Haemoglobin	12.1	gm/dL	11.0 - 15.0
RBC Count	3.99	mil/cu.mm	3.50 - 5.50
Hematocrit HCT	34.8	%	37.0 - 47.0
Mean Corp Volume MCV	87.2	fL	80.0 - 100.0
Mean Corp Hb MCH	30.3	pg	27.0 - 34.0
Mean Corp Hb Conc MCHC	34.8	gm/dL	32.0 - 36.0
Platelet Count	2.31	lac/cmm	1.50 - 4.50
Total WBC Count /TLC	5.1	10^3/cu.mm	4.0 - 1 <mark>1.0</mark>
DIFFERENTIAL LEUCOCYTE COU	NT		
Neutrophils	70	%	40 - 70
Lymphocytes	25	%	20 - 40
Monocytes	03	%	02 - 10
Eosinophils	02	%	01 - 06
Basophils	00	%	00 - 01
Absolute Differential Count			
Absolute Neutrophils Count	3.6	thou/mm3	2.00 - 7.00
Absolute Lymphocyte Count	1.3	thou/mm3	1.00 - 3.00
Absolute Monocytes Count	0.2	thou/mm3	0.20 - 1.00
Absolute Eosinophils Count	0.1	thou/mm3	0.02 - 0.50

EDTA Whole Blood - Tests done on Automated Three Part Cell Counter. (WBC, RBC Platelet count by impedance method, WBC differential by VCS technology other parameters calculated) All Abnormal Haemograms are reviewed confirmed microscopically.





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Test Description	Result	Unit	Biological Reference Ranges
ESR - ERYTHROCYTE SEDIMENTATION RATE	22	mm/hr	0 - 20

Method: Wintrobes

INTERPRETATION:

- 1. It indicates presence and intensity of an inflammatory process, never diagnostic of a specific disease. Changes are more significant than a single abnormal test.
- 2. It is a prognostic test and used to monitor the course or response to treatment of diseases like tuberculosis, bacterial endocarditis, acute rheumatic fever, rheumatoid arthritis, SLE, Hodgkins disease, temporal arteritis, polymyalgia rheumatica.
- 3. It is also increased in pregnancy, multiple myeloma, menstruation, and hypothyroidism.

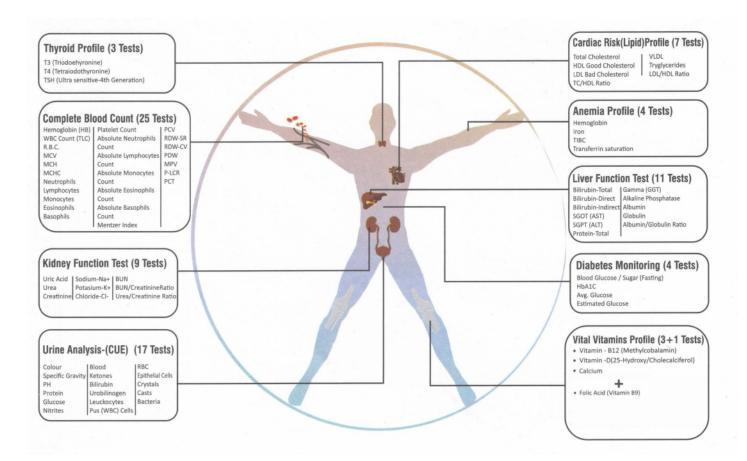
**** End of the report****

This report is not valid for medico legal aspects. This is just a professional opinion not the final. Kindly correlate clinically because of technical, lack of clinical information and physical findings, if any disparity noted please inform.





BODY CARE



CONDITIONS OF REPORTING

- Individual laboratory investigations should not be considered as conclusive and should be used along with other relevant clinical examinations to achieve the final diagnosis. Therefore these reported results are for the information of referring clinician only
- The values of a laboratory investigation are dependent on the quality of the sample as well as the assay procedures used. Further
 all samples collected outside Citi Pathlabs labs / patient centers are required to be prepared, stored, labelled and brought as per
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- 5. Partial representation of report is not allowed.
- 6. All dispute / claims concerning to this report are subject to Bhopal jurisdiction only.

For Any Enquiry

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