



		Chopra y & Microbiology) Consultant Pathologist	Dr. Yugan MD CEO & Consultant	(Pathology)
NAME	: Mrs. SUKHBIRI DEVI			
AGE/ GENDER	: 72 YRS/FEMALE	PAT	IENT ID	: 1570756
COLLECTED BY	: SURJESH	REG	. NO./LAB NO.	: 012408050047
REFERRED BY	:	REG	ISTRATION DATE	: 05/Aug/2024 11:03 AM
BARCODE NO.	: 01514514	COL	LECTION DATE	: 05/Aug/2024 11:09AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REP	ORTING DATE	:05/Aug/2024 11:30AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROA	D, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
HAEMOGLOBIN (HB)		HAEMOGLOE 10.7 ^L	3IN (HB) gm/dL	12.0 - 16.0
by CALORIMETRIC		10.7 ^L	gm/dL	
by CALORIMETRIC INTERPRETATION:- Hemoglobin is the pro tissues back to the lui	otein molecule in red blood co ngs.	10.7^L ells that carries oxygen fro	gm/dL	12.0 - 16.0 odys tissues and returns carbon dioxide from
by CALORIMETRIC INTERPRETATION:- Hemoglobin is the pro tissues back to the lur A low hemoglobin leve ANEMIA (DECRESED H	otein molecule in red blood congs. el is referred to as ANEMIA or IAEMOGLOBIN):	10.7^L ells that carries oxygen fro low red blood count.	gm/dL	
by CALORIMETRIC INTERPRETATION:- Hemoglobin is the pro- tissues back to the lur A low hemoglobin lev ANEMIA (DECRESED H 1) Loss of blood (trau	otein molecule in red blood congs. el is referred to as ANEMIA or IAEMOGLOBIN): matic injury, surgery, bleedin	10.7^L ells that carries oxygen fro low red blood count. Ig, colon cancer or stoma	gm/dL	
by CALORIMETRIC INTERPRETATION:- Hemoglobin is the pro- tissues back to the lur A low hemoglobin lev ANEMIA (DECRESED H 1) Loss of blood (trau 2) Nutritional deficier 3) Bone marrow probl	otein molecule in red blood congs. el is referred to as ANEMIA or IAEMOGLOBIN): matic injury, surgery, bleedin ncy (iron, vitamin B12, folate) lems (replacement of bone m	10.7^L ells that carries oxygen fro blood count. g, colon cancer or stomad arrow by cancer)	gm/dL	
by CALORIMETRIC INTERPRETATION:- Hemoglobin is the pro- tissues back to the lur A low hemoglobin lev ANEMIA (DECRESED H 1) Loss of blood (trau 2) Nutritional deficier 3) Bone marrow probl 4) Suppression by red 5) Kidney failure	otein molecule in red blood congs. el is referred to as ANEMIA or IAEMOGLOBIN): matic injury, surgery, bleedin ncy (iron, vitamin B12, folate) lems (replacement of bone m I blood cell synthesis by chem	10.7^L ells that carries oxygen fro r low red blood count. g, colon cancer or stomad arrow by cancer) notherapy drugs	gm/dL	
by CALORIMETRIC INTERPRETATION:- Hemoglobin is the pro- tissues back to the lur A low hemoglobin lew ANEMIA (DECRESED H 1) Loss of blood (trau 2) Nutritional deficier 3) Bone marrow probl 4) Suppression by red 5) Kidney failure 6) Abnormal hemoglo	otein molecule in red blood congs. el is referred to as ANEMIA or IAEMOGLOBIN): matic injury, surgery, bleedin ncy (iron, vitamin B12, folate) lems (replacement of bone m l blood cell synthesis by chem obin structure (sickle cell ane	10.7^L ells that carries oxygen fro r low red blood count. g, colon cancer or stomad arrow by cancer) notherapy drugs	gm/dL	
by CALORIMETRIC INTERPRETATION:- Hemoglobin is the pro- tissues back to the lur A low hemoglobin lew ANEMIA (DECRESED H 1) Loss of blood (trau 2) Nutritional deficier 3) Bone marrow probl 4) Suppression by red 5) Kidney failure 6) Abnormal hemoglo POLYCYTHEMIA (INCR 1) People in higher al	otein molecule in red blood congs. el is referred to as ANEMIA or IAEMOGLOBIN): matic injury, surgery, bleedin ncy (iron, vitamin B12, folate) lems (replacement of bone m l blood cell synthesis by chem obin structure (sickle cell ane EASED HAEMOGLOBIN): titudes (Physiological)	10.7^L ells that carries oxygen fro r low red blood count. g, colon cancer or stomad arrow by cancer) notherapy drugs	gm/dL	
by CALORIMETRIC INTERPRETATION:- Hemoglobin is the pro- tissues back to the lur A low hemoglobin lew ANEMIA (DECRESED H 1) Loss of blood (trau 2) Nutritional deficier 3) Bone marrow probl 4) Suppression by red 5) Kidney failure 6) Abnormal hemogloc POLYCYTHEMIA (INCR 1) People in higher al 2) Smoking (Secondar 3) Dehydration produ	otein molecule in red blood congs. el is referred to as ANEMIA or IAEMOGLOBIN): matic injury, surgery, bleedin rcy (iron, vitamin B12, folate) lems (replacement of bone m l blood cell synthesis by chem bbin structure (sickle cell ane EASED HAEMOGLOBIN): titudes (Physiological) y Polycythemia) ces a falsely rise in hemoglob	10.7^L ells that carries oxygen fro blow red blood count. Ig, colon cancer or stomat arrow by cancer) notherapy drugs mia or thalassemia).	gm/dL om the lungs to the b ch ulcer)	
by CALORIMETRIC INTERPRETATION:- Hemoglobin is the pro- tissues back to the lur A low hemoglobin lew ANEMIA (DECRESED H 1) Loss of blood (trau 2) Nutritional deficier 3) Bone marrow probl 4) Suppression by red 5) Kidney failure 6) Abnormal hemogloc POLYCYTHEMIA (INCR 1) People in higher al 2) Smoking (Secondar 3) Dehydration produ 4) Advanced lung dise	otein molecule in red blood congs. el is referred to as ANEMIA or IAEMOGLOBIN): matic injury, surgery, bleedin ncy (iron, vitamin B12, folate) lems (replacement of bone m l blood cell synthesis by chem obin structure (sickle cell ane EASED HAEMOGLOBIN): titudes (Physiological) y Polycythemia)	10.7^L ells that carries oxygen fro blow red blood count. Ig, colon cancer or stomat arrow by cancer) notherapy drugs mia or thalassemia).	gm/dL om the lungs to the b ch ulcer)	
by CALORIMETRIC INTERPRETATION:- Hemoglobin is the pro- tissues back to the lur A low hemoglobin lew ANEMIA (DECRESED H 1) Loss of blood (trau 2) Nutritional deficier 3) Bone marrow probl 4) Suppression by red 5) Kidney failure 6) Abnormal hemoglo POLYCYTHEMIA (INCR POLYCYTHEMIA (INCR 2) Smoking (Secondar 3) Dehydration produ 4) Advanced lung dise 5) Certain tumors 6) A disorder of the bo	otein molecule in red blood congs. el is referred to as ANEMIA or IAEMOGLOBIN): matic injury, surgery, bleedin toy (iron, vitamin B12, folate) lems (replacement of bone m l blood cell synthesis by chem obin structure (sickle cell ane EASED HAEMOGLOBIN): titudes (Physiological) y Polycythemia) ces a falsely rise in hemoglob ase (for example, emphysem	10.7^L ells that carries oxygen fro low red blood count. g, colon cancer or stomad arrow by cancer) notherapy drugs mia or thalassemia). oin due to increased haem a) themia rubra vera,	gm/dL om the lungs to the be ch ulcer)	

KOS Diagnostic Lab (A Unit of KOS Healthcare)





DR.VINAY CHOPRA CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY & MICROBIOLOGY)

DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY)



TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.

NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD





MD (Patholog					am Chopra 1D (Pathology) ant Pathologist	
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AGE/ GENDER	: 72 YRS/FEMA	ALE .		PATIENT ID	: 1570756	
COLLECTED BY	: SURJESH			REG. NO./LAB NO.	: 012408050047	
REFERRED BY	:			REGISTRATION DATE	: 05/Aug/2024 11:03 AM	
BARCODE NO.	:01514514			COLLECTION DATE	: 05/Aug/2024 11:09AM	
CLIENT CODE.	: KOS DIAGNO	STIC LAB		REPORTING DATE	: 05/Aug/2024 12:14PM	
CLIENT ADDRESS	: 6349/1, NICI	HOLSON ROAD,	AMBALA CANTT			
Test Name			Value	Unit	Biological Reference interval	
by ARSENAZO III, SPE INTERPRETATION:-	CTROPHOTOMET	?Υ				
INTERPRETATION:- 1.Serum calcium (tot parathyroid gland, ou 2. Calcium levels may 3.The calcium conter and <1% is present in	al) estimation is r gastrointestina y also reflect abr it of an adult is so n the extra-ossec is bound to a cor	used for the dia I tract. normal vitamin E pmewhat over 1 pus intracellular) or protein levels kg (about 2% of tl space or extracell	ne body weight).Of this, 9 ular space (ECS).	8.50 - 10.60 isorders including diseases of bone, kidney, 9% is present as calcium hydroxyapatite in bone in the form of inorganic complexes, and 50% is	
NOTE:- Calcium ions a addition, calcium ion	iffect the contrac is play an import	ant role in bloo			ential for the function of the nervous system. Ir	
2. Chronic renal failu and skeletal resistant	e or impaired fun re is also freque ce to the action c	ction of the para ntly associated w of parathyroid ho	with hypocalcemia ormone (PTH).	impaired vitamin-D synth a due to decreased vitami st tetany and osteomalaci	n-D synthesis as well as hyperphosphatemia	
HYPERCALCEMIA (INC 1.Increased mobiliza				ed intestinal absorption.		

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2. Primary hyperparathyroidism (pHPT)

3.Bone metastasis of carcinoma of the breast, prostate, thyroid gland, or lung

NOTE:-Severe hypercalcemia may result in cardiac arrhythmia.



DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST

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AGE/ GENDER : COLLECTED BY : REFERRED BY : BARCODE NO. : CLIENT CODE. :	ECTRODE)	REG. REGI COLI REPO	ENT ID NO./LAB NO. STRATION DATE LECTION DATE DRTING DATE Unit	: 1570756 : 012408050047 : 05/Aug/2024 11:03 AM : 05/Aug/2024 11:09AM : 05/Aug/2024 11:51AM Biological Reference interval
COLLECTED BY : REFERRED BY : BARCODE NO. : CLIENT CODE. : CLIENT ADDRESS : CLIENT ADDRESS : CLIENT ADDRESS : CODIUM: SERUM by ISE (ION SELECTIVE EN by ISE (ION SELECTIVE EN	SURJESH 01514514 KOS DIAGNOSTIC LAB 6349/1, NICHOLSON ROAD EECTRODE)	REG. REGI COLI REPO AMBALA CANTT Value	NO./LAB NO. ISTRATION DATE LECTION DATE DRTING DATE Unit	: 012408050047 : 05/Aug/2024 11:03 AM : 05/Aug/2024 11:09AM : 05/Aug/2024 11:51AM
REFERRED BY : BARCODE NO. : CLIENT CODE. : CLIENT ADDRESS : SCLIENT ADDRESS : Fest Name : SODIUM: SERUM : by ISE (ION SELECTIVE EI c) TASSIUM: SERUM by ISE (ION SELECTIVE EI CHLORIDE: SERUM	01514514 KOS DIAGNOSTIC LAB 6349/1, NICHOLSON ROAD <i>ECTRODE</i>)	AMBALA CANTT Value	STRATION DATE LECTION DATE DRTING DATE Unit	: 05/Aug/2024 11:03 AM : 05/Aug/2024 11:09AM : 05/Aug/2024 11:51AM
CARCODE NO. : CLIENT CODE. : CLIENT ADDRESS : CLIENT ADDRESS : CODIUM: SERUM by ISE (ION SELECTIVE EN by ISE (ION SELECTIVE EN CHLORIDE: SERUM by ISE (ION SELECTIVE EN by ISE (ION SELECTIVE EN by ISE (ION SELECTIVE EN	KOS DIAGNOSTIC LAB 6349/1, NICHOLSON ROAD <i>ECTRODE</i>)	COLI REPO AMBALA CANTT Value	ECTION DATE DRTING DATE Unit	: 05/Aug/2024 11:09AM : 05/Aug/2024 11:51AM
CLIENT CODE. : CLIENT ADDRESS : COLIUM: SERUM by ISE (ION SELECTIVE EN by ISE (ION SELECTIVE EN by ISE (ION SELECTIVE EN CHLORIDE: SERUM by ISE (ION SELECTIVE EN by ISE (ION SELECTIVE EN by ISE (ION SELECTIVE EN	KOS DIAGNOSTIC LAB 6349/1, NICHOLSON ROAD <i>ECTRODE</i>)	REPO AMBALA CANTT Value	DRTING DATE	: 05/Aug/2024 11:51AM
CLIENT ADDRESS : Test Name GODIUM: SERUM by ISE (ION SELECTIVE EI POTASSIUM: SERUM by ISE (ION SELECTIVE EI CHLORIDE: SERUM by ISE (ION SELECTIVE EI NTERPRETATION:-	6349/1, NICHOLSON ROAD	, AMBALA CANTT Value ELECTROLYTES COM	Unit	: 05/Aug/2024 11:51AM
GODIUM: SERUM by ISE (ION SELECTIVE EI POTASSIUM: SERUM by ISE (ION SELECTIVE EI CHLORIDE: SERUM by ISE (ION SELECTIVE EI NTERPRETATION:-	ectrode)	Value ELECTROLYTES COM		
ODIUM: SERUM by ise (ion selective ei potassium: serum by ise (ion selective ei Chloride: serum by ise (ion selective ei nterpretation:-	ECTRODE)	LECTROLYTES COM		Biological Reference interval
ODIUM: SERUM by ise (ion selective ei potassium: serum by ise (ion selective ei Chloride: serum by ise (ion selective ei nterpretation:-	ECTRODE)	LECTROLYTES COM		Biological Reference interval
by ISE (ION SELECTIVE EI POTASSIUM: SERUM by ISE (ION SELECTIVE EI CHLORIDE: SERUM by ISE (ION SELECTIVE EI NTERPRETATION:-	ECTRODE)			•
by ISE (ION SELECTIVE EI OTASSIUM: SERUM by ISE (ION SELECTIVE EI HLORIDE: SERUM by ISE (ION SELECTIVE EI NTERPRETATION:-		139.6	PLETE PROFILE	
POTASSIUM: SERUM by ISE (ION SELECTIVE EI CHLORIDE: SERUM by ISE (ION SELECTIVE EI NTERPRETATION:-			mmol/L	135.0 - 150.0
by ISE (ION SELECTIVE EI HLORIDE: SERUM by ISE (ION SELECTIVE EI NTERPRETATION:-	LECTRODE)			
HLORIDE: SERUM by ISE (ION SELECTIVE EI NTERPRETATION:-	LEGIRODE)	4.44	mmol/L	3.50 - 5.00
by ISE (ION SELECTIVE EI NTERPRETATION:-		104.7	mmol/L	90.0 - 110.0
	LECTRODE)			
 Salt loosing nephropa Metabolic acidosis. Adrenocortical issufic Hepatic failure. HYPERNATREMIA (INCRE) Hyperapnea (Prolonge) Diabetes insipidus Diabetic acidosis Cushings syndrome Dehydration 	iency . ASED SODIUM LEVEL) CAUSE	S:-		
eleased in the blood. IYPOKALEMIA (LOW PO Diarrhoea, vomiting & Severe Burns. B.Increased Secretions o	TASSIUM LEVELS):- malabsorption.	id. 90% of potassium is	concentrated within	the cells. When cells are damaged, potassiu

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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.





	Dr. Vinay ChopraDr. Yugam ChopraMD (Pathology & Microbiology)MD (Pathology)Chairman & Consultant PathologistCEO & Consultant Pathologist					
NAME	: Mrs. SUKHBIRI DEVI					
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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANT	Г				
Test Name	Value	Unit	Biological Reference interval			

4.Hemolysis of blood

*** End Of Report ***



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