



Lab No. : BOR/07-03-2023/SR7377831

: Kamini Center, Boring Pataliputra Road Lab Add.

- 800013

Ref Dr.

**Patient Name** : KUMAR ASHWINI Age : 34 Y O M O D

: Dr.MEDICAL OFFICER Collection Date: 07/Mar/2023 09:08AM

Gender : M Report Date : 07/Mar/2023 01:52PM

Test Name	Result	Unit	Bio Ref. Interval	Method
URIC ACID, BLOOD, GEL SERUM				
URIC ACID,BLOOD	4.50	mg/dL	3.7-9.2 mg/dL	URICASE METHOD
BILIRUBIN (TOTAL) , GEL SERUM				
BILIRUBIN (TOTAL)	1.02	mg/dL	0.3-1.2 mg/dL	JENDRASSIK GROF METHOD
GLUCOSE, PP , BLOOD, NAF PLASMA				
GLUCOSE,PP	112	mg/dL	Impaired Glucose Tolerance- mg/dL to 199 mg/dL. Diabetes>= 200 mg/dL.	140 HEXOKINASE METHOD
CALCIUM, BLOOD				
CALCIUM,BLOOD	8.40	mg/dL	8.7-10.4 mg/dL	OCPC METHOD
ALKALINE PHOSPHATASE , GEL SERU	JM			
ALKALINE PHOSPHATASE	55.00	U/L	46-116 U/L	PNPP ,AMP BUFFER
SODIUM, BLOOD , GEL SERUM				
SODIUM,BLOOD	141.00	mEq/L	136 - 145 mEq/L	ISE INDIRECT
URIC ACID, URINE, SPOT URINE				
URIC ACID, SPOT URINE	10.10	mg/dL	37-92 mg/dL	URICASE
GLUCOSE, FASTING , BLOOD, NAF PLA	ASMA			
GLUCOSE,FASTING	103	mg/dL	Impaired Fasting-100-125 m Diabetes- >= 126 mg/dL. Fasting is defined as no calo intake for at least 8 hours.	g/dL. HEXOKINASE METHOD ric
BLOOD GROUP ABO+RH [GEL METHO	OD] , EDTA WHOLE	BLOOD		
ABO	AB			Gel Card

**TECHNOLOGY USED: GEL METHOD** 

ADVANTAGES:

RH

Gel card allows simultaneous forward and reverse grouping.

Card is scanned and record is preserved for future reference.

Allows identification of Bombay blood group.

Daily quality controls are run allowing accurate monitoring.

Historical records check not performed.

SGPT/ALT, GEL SERUM

U/L 7-40 U/L UV P5P SGPT/ALT 16.00

**POSITIVE** 

ALKALINE PICRATE KINETIC **CREATININE, BLOOD**, GEL SERUM 0.52 mg/dL 0.7-1.3 mg/dL

LIPID PROFILE, GEL SERUM

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Gel Card





Lab No. : SR7377831	Name : KUMA	R ASHWINI		Age/G: 34 Y 0 M 0 D / M	Date: 07-03-2023
CHOLESTEROL-TOTAL		175.00	mg/dL		CHOLESTEROL OXIDASE ESTERASE PEROXIDASE METHOD
TRIGLYCERIDES		73.00	mg/dL	High: > or =240 mg/dL Normal:: < 150, BorderlineHigh::150-199, High:: 200-499, VeryHigh::>500	ENZYMATIC METHOD
HDL CHOLESTEROL		50.00	mg/dl	< 40 - Low 40-59- Optimum 60 - High	DIRECT MEASURE PEG
LDL CHOLESTEROL DIREC	CT	113.0	mg/dL	OPTIMAL: <100 mg/dL, Near optimal/ above optimal: 100-129 mg/dL, Borderline high: 130-159 mg/dL, High: 160-189 mg/dL, Very high: >=190 mg/dL	
VLDL		12	mg/dl	< 40 mg/dl	Calculated
CHOL HDL Ratio		3.5	Ü	LOW RISK 3.3-4.4 AVERAGE RISK 4.47-7.1 MODERATE RISK 7.1-11.0 HIGH RISK >11.0	Calculated
TOTAL PROTEIN [BLOOD	] ALB:GLO RATI	<b>O</b> , .			
TOTAL PROTEIN	-	7.70	g/dL	5.7-8.2 g/dL	BIURET, SERUM BLANK, END POINT
ALBUMIN		4.2	g/dL	3.2-4.8 g/dL	BROMO-CRESOL PURPLE
GLOBULIN		3.53	g/dl	1.8-3.2 g/dl	Calculated
AG Ratio		1.18		1.0 - 2.5	Calculated
BILIRUBIN (DIRECT) , GE	L SERUM				
BILIRUBIN (DIRECT)		0.23	mg/dL	<0.2 mg/dL	DIAZOTIZATION METHOD
POTASSIUM, BLOOD, GE	L SERUM				
POTASSIUM,BLOOD		4.20	mEq/L	3.5 - 5.1 mEq/L	ISE INDIRECT
CHLORIDE, BLOOD , .					
CHLORIDE,BLOOD		100.00	mEq/L	98 - 107 mEq/L	ISE INDIRECT
CBC WITH PLATELET (TH	ROMBOCYTE) CO	<b>DUNT</b> , EDTA W	HOLE BLOOD		
HEMOGLOBIN		13.3	g/dL	13 - 17	PHOTOMETRIC
WBC		8.2	*10^3/µL	4 - 10	DC detection method
RBC		4.91	*10^6/µL	4.5 - 5.5	DC detection method
PLATELET (THROMBOCY	TE) COUNT	155	*10^3/µL	150 - 450*10^3/μL	DC detection method/Microscopy
<u>DIFFERENTIAL COUNT</u>					
NEUTROPHILS		73	%	40 - 80 %	Flowcytometry/Microscopy
LYMPHOCYTES		22	%	20 - 40 %	Flowcytometry/Microscopy
MONOCYTES		02	%	2 - 10 %	Flowcytometry/Microscopy
EOSINOPHILS		03	%	1 - 6 %	Flowcytometry/Microscopy
BASOPHILS		00	%	0-0.9%	Flowcytometry/Microscopy
CBC SUBGROUP					
HEMATOCRIT / PCV		41.9	%	40 - 50 %	Calculated
MCV		85.3	fl	83 - 101 fl	Calculated
MCH		27.1	pg	27 - 32 pg	Calculated
MCHC		31.8	gm/dl	31.5-34.5 gm/dl	Calculated
RDW - RED CELL DISTRIE	BUTION WIDTH	16.4	%	11.6-14%	Calculated
PDW-PLATELET DISTRIB	UTION WIDTH	26.8	fL	8.3 - 25 fL	Calculated
MPV-MEAN PLATELET VC	LUME	12.3		7.5 - 11.5 fl	Calculated
		NORMOCYTIC			
RBC WBC.		NORMOCHROM NORMAL IN NU			





PLATELET   ADEQUATE.	Lab No. : SR7377831	Name : KUMAR ASHWINI		Age/G: 34 Y 0 M 0 D / M	Date: 07-03-2023
SGOT/AST	PLATELET				
SGOT/AST , GEL SERUM SGOT/AST 30.00 U/L 13-40 U/L UV PEP UREA,BLOOD 19.0 mg/dL 19.49 mg/dL UVEASE  PHOSPHORUS-INORGANIC, BLOOD , GEL SERUM PHOSPHORUS-INORGANIC, BLOOD 4.1 mg/dL 2.4-5.1 mg/dL PHOSPHOMOLYBDATE  URINE ROUTINE ALL, ALL , URINE PHYSICAL EXAMINATION COLOUR PALE YELLOW APPEARANCE SLIGHTLY HAZY CHEMICAL EXAMINATION  PH 6 4-6-80 Dipstick (triple indicator method) SPECIFIC GRAVITY 1.005 10.005 10.005 Dipstick (triple indicator method) PROTEIN NEGATIVE NOT DETECTED Dipstick (grotein error of pH indicator) Menual SPECIFIC GRAVITY NEGATIVE NOT DETECTED Dipstick (grotein error of pH indicator) Menual MEGATIVE NOT DETECTED Dipstick (grotein error of pH indicator) Menual MEGATIVE NOT DETECTED Dipstick (grotein error of pH indicator) Menual MEGATIVE NOT DETECTED Dipstick (grotein error of pH indicator) Menual MEGATIVE NOT DETECTED Dipstick (grotein error of pH indicator) Menual MEGATIVE NOT DETECTED Dipstick (grotein error of pH indicator) Menual MEGATIVE NOT DETECTED Dipstick (grotein error of pH indicator) Menual MEGATIVE NEGATIVE NEGATIVE Dipstick (grotein error of pH indicator) Menual MEGATIVE NEGATIVE NEGATIVE PLOSED Dipstick (grotein error of pH indicator) Menual MEGATIVE NEGATIVE NEGATIVE PLOSED Dipstick (grotein error of pH indicator) Menual MEGATIVE NEGATIVE NEGATIVE Dipstick (grotein error of pH indicator) Microscopy MICROSCOPIC EXAMINATION  LEUKOCYTES (PUS CELLS) O2-03 /hpf O5 Microscopy MICROSCOPIC EXAMINATION  LEUKOCYTES (PUS CELLS) NEGATIVE NEGATIVE NOT DETECTED Microscopy MICROSCOPIC EXAMINATION  LEUKOCYTES (PUS CELLS) NEGATIVE NOT DETECTED Microscopy MICROSCOPIC EXAMINATION  LEUKOCYTES (PUS CELLS) NEGATIVE NOT DETECTED Microscopy MICROSCOPIC EXAMINATION  LEUKOCYTES (PUS CELLS) NEGATIVE NOT DETECTED Microscopy MICROSCOPIC EXAMINATION  LEUKOCYTES (PUS CELLS) NEGATIVE NOT DETECTED Microscopy  MICROSCOPIC EXAMINATION  LEUKOCYTES (PUS CELLS) NEGATIVE NOT DETECTED MICROSCOPY  MICROSCOPIC MICROSCOPY  MICROSCOPIC MICROSCOPY  MICROSCOPIC MICROSCOPY  MICROSCOPIC MICROSCOPY  MICROSCOPIC MICROSCOPY  MICROSC	ESR (ERYTHROCYTE SEDIM	ENTATION RATE) , EDTA WHOLE	BLOOD		
UREA,BLOOD  19.0  mg/dL  19-49 mg/dL  UREASE  PHOSPHORUS-INORGANIC, BLOOD, GEL SERUM  PHOSPHORUS-INORGANIC, BLOOD  4.1  mg/dL  2.4-5.1 mg/dL  PHOSPHOMOLYBDATE  PHOSPHOMOLYBDATE  PHOSPHOMOLYBDATE  PHOSPHOMOLYBDATE  URINE ROUTINE ALL, JURINE  PHYSICAL EXAMINATION  COLOUR  APPEARANCE  5LIGHTLY HAZY  CHEMICAL EXAMINATION  PH  6  6  1.005  1	1stHour	20	mm/hr	0.00 - 20.00 mm/hr	Westergren
UREA,BLOOD 19.0 mg/dL 19-49 mg/dL UREASE  PHOSPHORUS-INORGANIC, BLOOD, GEL SERUM PHOSPHORUS-INORGANIC, BLOOD 4.1 mg/dL 2.45.1 mg/dL PHOSPHOMOLYBDATE  URINE ROUTINE ALL, ALL, URINE PHYSICAL EXAMINATION COLOUR PALE YELLOW APPEARANCE SLIGHTLY HAZY CHEMICAL EXAMINATION  PH 6 6 4 4.6-8.0 Dipstick (triple indicator method) SPECIFIC GRAVITY 1.005	SGOT/AST , GEL SERUM				
PHOSPHORUS-INORGANIC, BLOOD , GEL SERUM PHOSPHORUS-INORGANIC, BLOOD   4.1 mg/dL   2.4-5.1 mg/dL   PHOSPHOMOLYBDATE    URINE ROUTINE ALL, ALL, URINE PHYSICAL EXAMINATION COLOUR   PALE YELLOW   APPEARANCE   SLIGHTLY HAZY  CHEMICAL EXAMINATION   1.005   1.005 - 1.030   Dipstick (irriple indicator method)   SPECIFIC GRAVITY   1.005   1.005 - 1.030   Dipstick (irriple indicator method)   PROTEIN   NEGATIVE   NOT DETECTED   Dipstick (irrich error of pH indicators)/Manual   KETONES (ACETOACETIC ACID, ACETONE)   NEGATIVE   NOT DETECTED   Dipstick (iproten error of pH indicators)/Manual   KETONES (ACETOACETIC ACID, ACETONE)   NEGATIVE   NOT DETECTED   Dipstick (iproten error of pH indicators)/Manual   RUROBILINOGEN   NEGATIVE   NEGATIVE   Dipstick (iproten error of pH indicators)/Manual   UROBILINOGEN   NEGATIVE   NEGATIVE   Dipstick (iproten error of pH indicators)/Manual   UROBILINOGEN   NEGATIVE   NEGATIVE   Dipstick (iproten error of pH indicators)/Manual   UROBILINOGEN   NEGATIVE   NEGATIVE   Dipstick (iproten error of pH indicators)/Manual   UROBILINOGEN   NEGATIVE   NEGATIVE   Dipstick (iproten error of pH indicators)/Manual   UROBILINOGEN   NEGATIVE   NEGATIVE   Dipstick (iproten error of pH indicators)/Manual   UROBILINOGEN   NEGATIVE   NEGATIVE   Dipstick (iproten error of pH indicators)/Manual   UROBILINOGEN   NEGATIVE   NEGATIVE   Dipstick (iproten error of pH indicators)/Manual   UROBILINOGEN   NEGATIVE   NEGATIVE   Dipstick (iproten error of pH indicators)/Manual   UROBILINOGEN   NEGATIVE   NEGATIVE   Dipstick (iproten error of pH indicators)/Manual   UROBILINOGEN   NEGATIVE   NEGATIVE   Dipstick (iproten error of pH indicators)/Manual   UROBILINOGEN   NEGATIVE   NEGATIVE   Dipstick (iproten error of pH indicators)/Manual   UROBILINOGEN   NEGATIVE   NEGATIVE   Dipstick (iproten error of pH indicators)/Manual   UROBILINOGEN   NEGATIVE   NEGATIVE   Dipstick (iproten error of pH indicators)/Manual   UROBILINOGEN   NEGATIVE   NEGATIVE   NEGATIVE   Dipstick (iproten error of pH indicators)/Manual   UROBILINOGEN	SGOT/AST	30.00	U/L	13-40 U/L	UV P5P
URINE ROUTINE ALL, ALL, URINE PHYSICAL EXAMINATION COLOUR PALE YELLOW APPEARANCE SLIGHTLY HAZY CHEMICAL EXAMINATION  PH 6 A 1.005 1.030 Dipstick (triple indicator method) PROTEIN NEGATIVE NOT DETECTED Dipstick (terple indicator)/Manual persistent) GLUCOSE NEGATIVE NOT DETECTED Dipstick (terple indicator)/Manual persistent) BLIRUBIN NEGATIVE NEGATIVE NOT DETECTED Dipstick (triple indicator)/Manual persistent) BLIRUBIN NEGATIVE NOT DETECTED Dipstick (triple indicator)/Manual negative substances and several persistent persist	UREA,BLOOD	19.0	mg/dL	19 - 49 mg/dL	UREASE
URINE ROUTINE ALL, ALL , URINE PHYSICAL EXAMINATION  COLOUR PALE YELLOW APPEARANCE SLIGHTLY HAZY  CHEMICAL EXAMINATION  PH 6 AL AL A. B.O Dipstick (triple indicator method)  SPECIFIC GRAVITY 1.005 1.005 1.005 1.005 1.005 Dipstick (protein error of ph indicators). Manual  GLUCOSE NEGATIVE NOT DETECTED Dipstick (protein error of ph indicators). Manual  KETONES (ACETOACETIC ACID), NEGATIVE NOT DETECTED Dipstick (glucose-oxidase-peroxidase method). Manual  KETONES (ACETOACETIC ACID), NEGATIVE NOT DETECTED Dipstick (legals test). Manual  KETONES (ACETOACETIC ACID), NEGATIVE NOT DETECTED Dipstick (legals test). Manual  KETONES (ACETOACETIC ACID), NEGATIVE NOT DETECTED Dipstick (legals test). Not DETECTED  BLOOD NEGATIVE NEGATIVE Dipstick (dizonium ion reaction). Manual  UROBILINOGEN NEGATIVE NEGATIVE Dipstick (edizonium ion reaction). Manual  UROBILINOGEN NEGATIVE NEGATIVE Dipstick (edises test)  LEUCOCYTE ESTERASE NEGATIVE NEGATIVE Dipstick (edises test)  LEUCOCYTE ESTERASE NEGATIVE NEGATIVE Dipstick (edises test)  LEUKOCYTES (PUS CELLS) 02-03 /hpf 0-5 Microscopy  EPITHELIAL CELLS NEGATIVE NOT DETECTED Microscopy  CAST NEGATIVE NOT DETECTED Microscopy  CAST NEGATIVE NOT DETECTED Microscopy  GAST NEGATIVE NOT DETECTED Microscopy  ERCENSTALS NEGATIVE NOT DETECTED Microscopy  Microscopy  ERCENTALS NEGATIVE NOT DETECTED Microscopy  Microscopy  EACTERIA NEGATIVE NOT DETECTED Microscopy  Microscopy	PHOSPHORUS-INORGANIC	, <b>BLOOD</b> , GEL SERUM			
PHYSICAL EXAMINATION  COLOUR APPEARANCE SLIGHTLY HAZY  CHEMICAL EXAMINATION  PH 6 A6 A6-8.0 Dipstick (triple indicator method) SPECIFIC GRAVITY 1.005 PROTEIN NEGATIVE NOT DETECTED Dipstick (grotein error of pH indicators)/Manual ACETONES (ACETOACETIC ACID, ACETONES BLOOD NEGATIVE NOT DETECTED Dipstick (glucose-oxidase-peroxidase method)/Manual BLIRUBIN NEGATIVE NOT DETECTED Dipstick (glucose-oxidase-peroxidase method)/Manual UROBILINOGEN NEGATIVE NOT DETECTED Dipstick (glucose-oxidase-peroxidase method)/Manual UROBILINOGEN NEGATIVE NOT DETECTED Dipstick (Legais test)/Manual UROBILINOGEN NEGATIVE NEGATIVE NEGATIVE NEGATIVE Dipstick (glaconium ion reaction)/Manual UROBILINOGEN NEGATIVE NEGATIVE NEGATIVE NEGATIVE Dipstick (diazonium ion reaction)/Manual NITRITE NEGATIVE NEGATIVE NEGATIVE Dipstick (glaconium ion reaction)/Manual NITRITE NEGATIVE NEGATIVE NEGATIVE Dipstick (glaconium ion reaction)/Manual NITRITE NEGATIVE NEGATIVE NEGATIVE NEGATIVE NEGATIVE Dipstick (glaconium ion reaction)/Manual NITRITE NEGATIVE NEGATIVE NEGATIVE NEGATIVE NEGATIVE NEGATIVE Dipstick (glaconium ion reaction)/Manual NITRITE NEGATIVE NEGATIVE NEGATIVE NEGATIVE NEGATIVE NEGATIVE NEGATIVE NEGATIVE NOT DETECTED Microscopy Nicroscopy	PHOSPHORUS-INORGANIC,	BLOOD 4.1	mg/dL	2.4-5.1 mg/dL	PHOSPHOMOLYBDATE
COLOUR APPEARANCE SLIGHTLY HAZY  CHEMICAL EXAMINATION  PH 6 SPECIFIC GRAVITY 1.005 NEGATIVE NOT DETECTED BLOOD BLOOD NEGATIVE NOT DETECTED Dipstick (glucose-oxidase-peroxidase method) NEGATIVE NOT DETECTED Dipstick (glucose-oxidase-peroxidase method) Dipstick (legals test)/Manual NEGATIVE NOT DETECTED Dipstick (glucose-oxidase-peroxidase method) NEGATIVE NOT DETECTED Dipstick (legals test)/Manual NOT DETECTED Dipstick (legals test)/Manual Dipstick (legals test)/Manual NEGATIVE NOT DETECTED Dipstick (legals test)/Manual NEGATIVE NOT DETECTED Dipstick (legals test)/Manual NEGATIVE NEGATIVE NEGATIVE NEGATIVE Dipstick (diazonium ion reaction)/Manual NITRITE NEGATIVE NEGATIVE NEGATIVE NEGATIVE Dipstick (greendoperoxidase reaction) NITRITE NEGATIVE NEGATIVE NEGATIVE Dipstick (greendoperoxidase reaction) NICROSCOPIC EXAMINATION LEUKOCYTES (PUS CELLS) 02-03 /hpf 0-5 Microscopy RED BLOOD CELLS NEGATIVE NOT DETECTED Microscopy CAST NEGATIVE NOT DETECTED Microscopy CAST NEGATIVE NOT DETECTED Microscopy Nicroscopy CAST NEGATIVE NOT DETECTED Microscopy Nicroscopy	URINE ROUTINE ALL, ALL,	URINE			
APPEARANCE  CHEMICAL EXAMINATION  pH 6 4.6 - 8.0 Dipstick (triple indicator method)  SPECIFIC GRAVITY 1.005 1.005 - 1.005 - 1.030 Dipstick (triple indicator method)  PROTEIN NEGATIVE NOT DETECTED Dipstick (glorosen-cordates reaction)  GLUCOSE NEGATIVE NOT DETECTED Dipstick (glorosen-cordase peroxidase method)/Manual  KETONES (ACETOACETIC ACID, ACETIVE NOT DETECTED Dipstick (glorosen-cordase peroxidase method)/Manual  KETONES (ACETOACETIC ACID, ACETIVE NOT DETECTED Dipstick (glorosen-cordase peroxidase method)/Manual  KETONES (ACETOACETIC ACID, ACETIVE NOT DETECTED Dipstick (glorosen-cordase peroxidase method)/Manual  KETONES (ACETOACETIC ACID, ACETIVE NOT DETECTED Dipstick (glorosen-cordase peroxidase method)/Manual  KETONES (ACETOACETIC ACID, ACETIVE NOT DETECTED Dipstick (glorosen-cordase peroxidase method)/Manual  KETONES (ACETOACETIC ACID, ACETIVE NOT DETECTED Dipstick (glorosen-cordase)-peroxidase method)/Manual  KETONES (ACETOACETIC ACID, ACETIVE NEGATIVE Dipstick (glorosen-cordase)-peroxidase method)/Manual  KETONES (ACETOACETIC ACID, ACETIVE NEGATIVE Dipstick (glorosen-cordase)-peroxidase method)/Manual  NICROSCOPIC EXAMINATION  LEUKOCYTE ESTERASE NEGATIVE NEGATIVE NEGATIVE Dipstick (glorosen-cordase)-peroxidase peroxidase method)/Manual  RED BLOOD CELLS 01-02 /hpf 0-5 Microscopy  CAST NEGATIVE NOT DETECTED Microscopy  BACTERIA NEGATIVE NOT DETECTED Microscopy	PHYSICAL EXAMINATION	<u>N</u>			
CHEMICAL EXAMINATION  PH 6 6 4.6-8.0 Dipstick (triple indicator method)  SPECIFIC GRAVITY 1.005 1.005-1.030 Dipstick (in concentration method)  PROTEIN NEGATIVE NOT DETECTED Dipstick (grotein error of pH indicators)/Manual method)  REGUCOSE NEGATIVE NOT DETECTED Dipstick (grotein error of pH indicators)/Manual method)/Manual method)/M	COLOUR	PALE YELLOW			
PH 6 46 - 8.0 Dipstick (triple indicator method) SPECIFIC GRAVITY 1.005 1.005 - 1.030 Dipstick (in concentration method) PROTEIN NEGATIVE NOT DETECTED Dipstick (protein error of pH indicators)/Manual GLUCOSE NEGATIVE NOT DETECTED Dipstick (grotein error of pH indicators)/Manual KETONES (ACETOACETIC ACID, ACETONE) BLOOD NEGATIVE NOT DETECTED Dipstick (Legals test)/Manual Dipstick (glucose-oxidase-peroxidase method)/Manual Dipstick (Legals test)/Manual NEGATIVE NOT DETECTED Dipstick (gaze-diazor eaction) BILIRUBIN NEGATIVE NEGATIVE Dipstick (diazonlum ion reaction)/Manual UROBILINOGEN NEGATIVE NEGATIVE Dipstick (diazonlum ion reaction)/Manual NITRITE NEGATIVE NEGATIVE Dipstick (Griess test) LEUCOCYTE ESTERASE NEGATIVE NEGATIVE Dipstick (Griess test)  MICROSCOPIC EXAMINATION LEUKOCYTES (PUS CELLS) 02-03 /hpf 0-5 Microscopy  RED BLOOD CELLS NEGATIVE /hpf 0-2 Microscopy  RED BLOOD CELLS NEGATIVE NOT DETECTED Microscopy  CAST NEGATIVE NOT DETECTED Microscopy  CAST NEGATIVE NOT DETECTED Microscopy  BACTERIA NEGATIVE NOT DETECTED Microscopy  PEAST NEGATIVE NOT DETECTED Microscopy	APPEARANCE	SLIGHTLY HAZY			
SPECIFIC GRAVITY  1.005  1.005 - 1.030  Dipstick (ion concentration method)  PROTEIN  NEGATIVE  NOT DETECTED  Dipstick (protein error of pH indicators)/Manual  GLUCOSE  NEGATIVE  NOT DETECTED  Dipstick (glucose-oxidase-peroxidase method)/Manual  RETONES (ACETOACETIC ACID, ACETONE)  BLOOD  NEGATIVE  NOT DETECTED  Dipstick (legals test)/Manual  NOT DETECTED  Dipstick (protein error of pH indicators)/Manual  NOT DETECTED  Dipstick (legals test)/Manual  NOT DETECTED  Dipstick (protein error of pH indicators)/Manual  NOT DETECTED  Dipstick (legals test)/Manual  NOT DETECTED  Dipstick (protein error of pH indicators)/Manual  NEGATIVE  NEGATIVE  NEGATIVE  NEGATIVE  NEGATIVE  Dipstick (protein error of pH indicators)/Manual  NEGATIVE  NEGATIVE  NEGATIVE  NEGATIVE  Dipstick (protein error of pH indicators)/Manual  NEGATIVE  NEGATIVE  NEGATIVE  NEGATIVE  NEGATIVE  NEGATIVE  NEGATIVE  NEGATIVE  NEGATIVE  NOT DETECTED  Microscopy  RED BLOOD CELLS  NEGATIVE  NOT DETECTED  Microscopy  Microscopy  PAST  NEGATIVE  NOT DETECTED  Microscopy  Nicroscopy  Nicroscopy  NEGATIVE  NOT DETECTED  Microscopy  Microscopy  NEGATIVE  NOT DETECTED  Microscopy  NEGATIVE  NOT DETECTED  Microscopy	CHEMICAL EXAMINATION	<u>N</u>			
PROTEIN NEGATIVE NOT DETECTED Dipstick (protein error of pH indicators)/Manual Dipstick (protein error of pH indicators)/Manual Dipstick (glucose-oxidase-peroxidase method)/Manual RETONES (ACETOACETIC ACID, ACETONE)  BLOOD NEGATIVE NOT DETECTED Dipstick (Legals test)/Manual Dipstick (pseudoperoxidase reaction)  BILIRUBIN NEGATIVE NEGATIVE Dipstick (azo-diazo reaction)/Manual Dipstick (pseudoperoxidase reaction)  NITRITE NEGATIVE NEGATIVE Dipstick (diazonium ion reaction)/Manual Dipstick (Griess test)  LEUCOCYTE ESTERASE NEGATIVE NEGATIVE Dipstick (Griess test)  EUKOCYTES (PUS CELLS) 02-03 /hpf 0-5 Microscopy  RED BLOOD CELLS NEGATIVE /hpf 0-5 Microscopy  RED BLOOD CELLS NEGATIVE /hpf 0-2 Microscopy  CAST NEGATIVE /hpf 0-2 Microscopy  CAST NEGATIVE NOT DETECTED Microscopy  BACTERIA NEGATIVE NOT DETECTED Microscopy  BACTERIA NEGATIVE NOT DETECTED Microscopy  Wicroscopy  Microscopy  M	рН	6		4.6 - 8.0	Dipstick (triple indicator method)
GLUCOSE  NEGATIVE  NOT DETECTED  Dipstick (glucose-oxidase-peroxidase method)/Manual  NOT DETECTED  Dipstick (glucose-oxidase-peroxidase method)/Manual  Dipstick (glucose-oxidase method)/Manual  NEGATIVE  NEGATIVE  NEGATIVE  NEGATIVE  NEGATIVE  NEGATIVE  Dipstick (diazonium ion reaction)/Manual  NITRITE  NEGATIVE  NEGATIVE  NEGATIVE  NEGATIVE  Dipstick (gluconium ion reaction)/Manual  NITRITE  NEGATIVE  NEGATIVE  Dipstick (gluconium ion reaction)/Manual  NITRITE  NEGATIVE  NEGATIVE  NEGATIVE  Dipstick (elazonium ion reaction)/Manual  NEGATIVE  Dipstick (gluconium ion reaction)/Manual  NEGATIVE  NEGAT	SPECIFIC GRAVITY	1.005		1.005 - 1.030	Dipstick (ion concentration method)
GLUCOSE       NEGATIVE       NOT DETECTED       Dipstick (glucose-oxidase-peroxidase method)/Manual method)/Manual         KETONES (ACETOACETIC ACID, ACETONE)       NEGATIVE       NOT DETECTED       Dipstick (Legals test)/Manual         BLOOD       NEGATIVE       NOT DETECTED       Dipstick (pseudoperoxidase reaction)         BILIRUBIN       NEGATIVE       NEGATIVE       Dipstick (azo-diazo reaction)/Manual         UROBILINOGEN       NEGATIVE       NEGATIVE       Dipstick (diazonium ion reaction)/Manual         NITRITE       NEGATIVE       NEGATIVE       Dipstick (Griess test)         LEUCOCYTE ESTERASE       NEGATIVE       NEGATIVE       Dipstick (ester hydrolysis reaction)         MICROSCOPIC EXAMINATION       LEUKOCYTES (PUS CELLS)       02-03       /hpf       0-5       Microscopy         EPITHELIAL CELLS       01-02       /hpf       0-5       Microscopy         RED BLOOD CELLS       NEGATIVE       /hpf       0-2       Microscopy         CAST       NEGATIVE       NOT DETECTED       Microscopy         CRYSTALS       NEGATIVE       NOT DETECTED       Microscopy         BACTERIA       NEGATIVE       NOT DETECTED       Microscopy	PROTEIN	NEGATIVE		NOT DETECTED	
KETONES (ACETOACETIC ACID, ACETONE)  BLOOD NEGATIVE NOT DETECTED Dipstick (pseudoperoxidase reaction)  BILIRUBIN NEGATIVE NEGATIVE Dipstick (azo-diazo reaction)/Manual  UROBILINOGEN NEGATIVE NEGATIVE Dipstick (diazonium ion reaction)/Manual  NITRITE NEGATIVE NEGATIVE Dipstick (diazonium ion reaction)/Manual  NITRITE NEGATIVE NEGATIVE Dipstick (Griess test)  LEUCOCYTE ESTERASE NEGATIVE NEGATIVE Dipstick (Griess test)  MICROSCOPIC EXAMINATION  LEUKOCYTES (PUS CELLS) 02-03 /hpf 0-5 Microscopy  EPITHELIAL CELLS 01-02 /hpf 0-5 Microscopy  RED BLOOD CELLS NEGATIVE /hpf 0-2 Microscopy  CAST NEGATIVE NOT DETECTED Microscopy  CRYSTALS NEGATIVE NOT DETECTED Microscopy  BACTERIA NEGATIVE NOT DETECTED Microscopy  YEAST NEGATIVE NOT DETECTED Microscopy	GLUCOSE	NEGATIVE		NOT DETECTED	Dipstick(glucose-oxidase-peroxidase
BLOOD  BILIRUBIN  NEGATIVE  NEGATIVE  NEGATIVE  Dipstick (pseudoperoxidase reaction)  NEGATIVE  Dipstick (azo-diazo reaction)/Manual  NEGATIVE  NEGATIVE  NEGATIVE  NEGATIVE  Dipstick (diazonium ion reaction)/Manual  NITRITE  NEGATIVE  NEGATIVE  Dipstick (Griess test)  Dipstick (Griess test)  NEGATIVE  Dipstick (Griess test)  NEGATIVE  Dipstick (ester hydrolysis reaction)  MICROSCOPIC EXAMINATION  LEUKOCYTES (PUS CELLS)  O2-03  /hpf  O-5  Microscopy  RED BLOOD CELLS  NEGATIVE  NOT DETECTED  Microscopy  CAST  NEGATIVE  NOT DETECTED  Microscopy  Microscopy  Microscopy  NICROSCOPIC  NOT DETECTED  Microscopy  Microscopy  Microscopy  NICROSCOPY  NOT DETECTED  Microscopy  Microscopy  Microscopy  Microscopy  NOT DETECTED  Microscopy  Microscopy  Microscopy  Microscopy  NOT DETECTED  Microscopy		CID, NEGATIVE		NOT DETECTED	•
UROBILINOGEN  NEGATIVE  NEGATIVE  NEGATIVE  NEGATIVE  NEGATIVE  Dipstick (diazonium ion reaction)/Manual  NITRITE  LEUCOCYTE ESTERASE  NEGATIVE  NEGATIVE  NEGATIVE  Dipstick (Griess test)  NEGATIVE  Dipstick (ester hydrolysis reaction)  MICROSCOPIC EXAMINATION  LEUKOCYTES (PUS CELLS)  02-03  /hpf  0-5  Microscopy  EPITHELIAL CELLS  01-02  /hpf  0-2  Microscopy  CAST  NEGATIVE  NOT DETECTED  Microscopy  CRYSTALS  NEGATIVE  NOT DETECTED  Microscopy  Microscopy  Microscopy  NOT DETECTED  Microscopy  Microscopy  Microscopy  NOT DETECTED  Microscopy  Microscopy  Microscopy  Microscopy  NOT DETECTED  Microscopy	*	NEGATIVE		NOT DETECTED	Dipstick (pseudoperoxidase reaction)
NITRITE NEGATIVE NEGATIVE NEGATIVE NEGATIVE NEGATIVE NEGATIVE Dipstick (Griess test) Dipstick (Griess test) Dipstick (ester hydrolysis reaction)  MICROSCOPIC EXAMINATION LEUKOCYTES (PUS CELLS) 02-03 /hpf 0-5 Microscopy RED BLOOD CELLS NEGATIVE NEGATIVE NEGATIVE NOT DETECTED Microscopy  CAST NEGATIVE NEGATIVE NOT DETECTED Microscopy Microscopy Microscopy Nicroscopy Not Detected Microscopy Nicroscopy Not Detected Microscopy Not Detected Microscopy Microscopy Not Detected Microscopy Not Detected Microscopy Not Detected Microscopy Microscopy Not Detected Microscopy Not Detected Microscopy Microscopy Not Detected Microscopy Microscopy Not Detected Microscopy Microscopy Microscopy Not Detected Microscopy Microscopy	BILIRUBIN	NEGATIVE		NEGATIVE	Dipstick (azo-diazo reaction)/Manual
NITRITE NEGATIVE NEGATIVE Dipstick (Griess test)  LEUCOCYTE ESTERASE NEGATIVE NEGATIVE Dipstick (ester hydrolysis reaction)  MICROSCOPIC EXAMINATION  LEUKOCYTES (PUS CELLS) 02-03 /hpf 0-5 Microscopy  EPITHELIAL CELLS 01-02 /hpf 0-5 Microscopy  RED BLOOD CELLS NEGATIVE /hpf 0-2 Microscopy  CAST NEGATIVE /hpf 0-2 Microscopy  CRYSTALS NEGATIVE NOT DETECTED Microscopy  BACTERIA NEGATIVE NOT DETECTED Microscopy  NEGATIVE NOT DETECTED Microscopy  MICRO	UROBILINOGEN	NEGATIVE		NEGATIVE	
MICROSCOPIC EXAMINATION  LEUKOCYTES (PUS CELLS)  02-03	NITRITE	NEGATIVE		NEGATIVE	•
LEUKOCYTES (PUS CELLS)  02-03 /hpf 0-5 Microscopy  EPITHELIAL CELLS 01-02 /hpf 0-5 Microscopy  RED BLOOD CELLS NEGATIVE /hpf 0-2 Microscopy  CAST NEGATIVE NOT DETECTED Microscopy  CRYSTALS NEGATIVE NOT DETECTED Microscopy  BACTERIA NEGATIVE NOT DETECTED Microscopy  YEAST NEGATIVE NOT DETECTED Microscopy  Microscopy  NOT DETECTED Microscopy  Microscopy	LEUCOCYTE ESTERASE	NEGATIVE		NEGATIVE	Dipstick (ester hydrolysis reaction)
EPITHELIAL CELLS  O1-02  NEGATIVE  NOT DETECTED  Microscopy  Microscopy  NEGATIVE  NOT DETECTED  Microscopy  NEGATIVE  NOT DETECTED  Microscopy  NEGATIVE  NOT DETECTED  Microscopy	MICROSCOPIC EXAMINAT	<u>TION</u>			
RED BLOOD CELLS  NEGATIVE /hpf 0-2  Microscopy  NOT DETECTED Microscopy  YEAST NOT DETECTED Microscopy	LEUKOCYTES (PUS CELLS)	02-03	/hpf	0-5	Microscopy
RED BLOOD CELLS  NEGATIVE /hpf 0-2  Microscopy  NOT DETECTED Microscopy  YEAST NOT DETECTED Microscopy	EPITHELIAL CELLS	01-02	/hpf	0-5	Microscopy
CRYSTALS NEGATIVE NOT DETECTED Microscopy  BACTERIA NEGATIVE NOT DETECTED Microscopy  YEAST NEGATIVE NOT DETECTED Microscopy		NEGATIVE	/hpf	0-2	Microscopy
BACTERIA NEGATIVE NOT DETECTED Microscopy YEAST NEGATIVE NOT DETECTED Microscopy	CAST	NEGATIVE		NOT DETECTED	Microscopy
BACTERIA NEGATIVE NOT DETECTED Microscopy YEAST NEGATIVE NOT DETECTED Microscopy				NOT DETECTED	Microscopy
YEAST NEGATIVE NOT DETECTED Microscopy		NEGATIVE		NOT DETECTED	Microscopy
				NOT DETECTED	Microscopy
	OTHERS	NEGATIVE			

#### Note:

- $1. \ All \ urine \ samples \ are \ checked \ for \ adequacy \ and \ suitability \ before \ examination.$
- 2. Analysis by urine analyzer of dipstick is based on reflectance photometry principle. Abnormal results of chemical examinations are confirmed by manual methods.
- 3. The first voided morning clean-catch midstream urine sample is the specimen of choice for chemical and microscopic analysis.
- 4. Negative nitrite test does not exclude urinary tract infections.
- $5.\ Trace\ proteinuria\ can\ be\ seen\ in\ many\ physiological\ conditions\ like\ exercise,\ pregnancy,\ prolonged\ recumbency\ etc.$
- 6. False positive results for glucose, protein, nitrite, urobilinogen, bilirubin can occur due to use of certain drugs, therapeutic dyes, ascorbic acid, cleaning agents used in urine collection container.
- 7. Discrepancy between results of leukocyte esterase and blood obtained by chemical methods with corresponding pus cell and red blood cell count by microscopy can occur due to cell lysis.
- 8. Contamination from perineum and vaginal discharge should be avoided during collection, which may falsely elevate epithelial cell count and show presence of bacteria and/or yeast in the urine.

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Lab No. : SR7377831 Name : KUMAR ASHWINI Age/G : 34 Y 0 M 0 D / M Date : 07-03-2023

PDF Attached

GLYCATED HAEMOGLOBIN (HBA1C), EDTA WHOLE BLOOD

GLYCATED HEMOGLOBIN (HBA1C) 5.1 9

\*\*\*FOR BIOLOGICAL REFERENCE INTERVAL DETAILS , PLEASE REFER TO THE BELOW MENTIONED REMARKS/NOTE WITH ADDITIONAL CLINICAL INFORMATION \*\*\*

HbA1c (IFCC) 32.0 mmol/mol HPLC

Clinical Information and Laboratory clinical interpretation on Biological Reference Interval:

Analyzer used: Bio-Rad-VARIANT TURBO 2.0, Bio-Rad D 10

Method: HPLC Cation Exchange

Hba1C: Dual reporting of units Ref 2,3,4

Suraksha Diagnostic Pvt. Ltd. has commenced reporting HbA1c in dual units. This is in keeping with current International recommendations to allow a transition phase from current reporting units (%) to the eventual (IFCC) units (mmol/mol). It is anticipated that only IFCC units will be used after 2 years of dual reporting. Please note that the method of analysis has not changed. Although the two results look numerically different, they are clinically equivalent. In defining HbA1C, the unit mmol /mol was determined to be the most accurate description of what is being measured. This will make the measurement more precise and allow for better comparisons of HbA1c results from different laboratories and hospitals throughout the world.

# Standardization & traceability Ref 2,3,4

HbA1c is standardized & traceable to IFCC methods HPLC-CE & HPLC-MS. This new unit (mmol/mol) is used as part of this standardization. This change in HbA1c calibration is to conform to national & international best practice. The initiative will mean that HbA1c is measured specifically & reproducibly. It also enables the use of international reference ranges & harmonization of medical decision or target values.

# Recommendations for glycemic targets Ref 1

- Ø Patients should use self-monitoring of blood glucose (SMBG) and HbA1c levels to assess glycemic control.
- Ø The timing and frequency of SMBG should be tailored based on patients individual treatment, needs, and goals.
- Ø Patients should undergo HbA1c testing at least twice a year if they are meeting treatment goals and have stable glycemic control.
- Ø If a patient changes treatment plans or does not meet his or her glycemic goals, HbA1c testing should be done quarterly.
- $\emptyset$  For most adults who are not pregnant, HbA1c levels should be <7% to help reduce microvascular complications and macrovascular disease . Action suggested >8% as it indicates poor control.

Ø Some patients may benefit from HbA1c goals that are more or less stringent.

Result alterations in the estimation has been established in many circumstances, such as after acute/ chronic blood loss, for example, after surgery, blood transfusions, hemolytic anemia, or high erythrocyte turnover; vitamin B<sub>12</sub>/ folate deficiency, presence of chronic renal or liver disease; after administration of high-dose vitamin E / C; or erythropoietin treatment.

Reference: Glycated hemoglobin monitoring BMJ 2006; 333;586-8

#### References

- 1. Chamberlain JJ, Rhinehart AS, Shaefer CF, et al. Diagnosis and management of diabetes: synopsis of the 2016 American Diabetes Association Standards of Medical Care in Diabetes. Ann Intern Med. Published online 1 March 2016. doi:10.7326/M15-3016.
- 2. Mosca A, Goodall I, Hoshino T, Jeppsson JO, John WG, Little RR, Miedema K, Myers GL, Reinauer H, Sacks DB, Weykamp CW. International Federation of Clinical Chemistry and Laboratory Medicine, IFCC Scientific Division. Global standardization of glycated hemoglobin measurement: the position of the IFCC Working Group. Clin Chem Lab Med. 2007;45(8):1077-1080.
- 3. Geistanger A, Arends S, Berding C, Hoshino T, Jeppsson J-O, Little R, Siebelder C and Weykamp C, on behalf of the IFCC Working Group on Standardization of HbA1c: Statistical Methods for Monitoring the Relationship between the IFCC Reference Measurement Procedure for Hemoglobin A1c ..Clin Chem 2008; 54(8): 1379-8.
- 4. International Expert Committee Report, drawn from the International Diabetes Federation (IDF), the European Association for the Study of Diabetes (EASD), American Diabetes Association (ADA), International Federation of Clinical Chemistry and Laboratory Medicine, International Society for Pediatric & Adolescent Diabetes. International Congress IFCC, WorldLab, EuroMedLab- Berlin, 2011.

#### Clinical Information and Laboratory clinical interpretation on Biological Reference Interval:

Low risk / Normal / non-diabetic : <5.7% (NGSP) / < 39 mmol/mol (IFCC) Pre-diabetes/High risk of Diabetes : 5.7%- 6.4% (NGSP) / 39 - < 48 mmol/mol (IFCC) Diabetics-HbA1c level : >/= 6.5% (NGSP) / > 48 mmol/mol (IFCC)

Analyzer used: Bio-Rad-VARIANT TURBO 2.0

Method: HPLC Cation Exchange

### Recommendations for glycemic targets

Ø Patients should use self-monitoring of blood glucose (SMBG) and HbA1c levels to assess glycemic control.

Ø The timing and frequency of SMBG should be tailored based on patients' individual treatment, needs, and goals.

Ø Patients should undergo HbA1c testing at least twice a year if they are meeting treatment goals and have stable glycemic

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Lab No. : SR7377831 Name : KUMAR ASHWINI Age/G : 34 Y 0 M 0 D / M Date : 07-03-2023

#### control.

Ø If a patient changes treatment plans or does not meet his or her glycemic goals, HbA1c testing should be done quarterly. Ø For most adults who are not pregnant, HbA1c levels should be <7% to help reduce microvascular complications and macrovascular disease. Action suggested >8% as it indicates poor control.

Ø Some patients may benefit from HbA1c goals that are stringent.

Result alterations in the estimation has been established in many circumstances, such as after acute/ chronic blood loss, for example, after surgery, blood transfusions, hemolytic anemia, or high erythrocyte turnover; vitamin  $B_{12}$ / folate deficiency, presence of chronic renal or liver disease; after administration of high-dose vitamin E / C; or erythropoietin treatment.

Reference: Glycated hemoglobin monitoring BMJ 2006; 333;586-8

#### References:

- 1. Chamberlain JJ, Rhinehart AS, Shaefer CF, et al. Diagnosis and management of diabetes: synopsis of the 2016 American Diabetes Association Standards of Medical Care in Diabetes. Ann Intern Med. Published online 1 March 2016. doi:10.7326/M15-3016.
- 2. Mosca A, Goodall I, Hoshino T, Jeppsson JO, John WG, Little RR, Miedema K, Myers GL, Reinauer H, Sacks DB, Weykamp CW. International Federation of Clinical Chemistry and Laboratory Medicine, IFCC Scientific Division. Global standardization of glycated hemoglobin measurement: the position of the IFCC Working Group. Clin Chem Lab Med. 2007;45(8):1077-1080.

#### THYROID PANEL (T3, T4, TSH), GEL SERUM

T3-TOTAL (TRI IODOTHYRONINE)	0.78	ng/ml	0.60-1.81 ng/ml	CLIA
T4-TOTAL (THYROXINE)	6.4	μg/dL	3.2-12.6 μg/dL	CLIA
TSH (THYROID STIMULATING HORMONE)	3.26	μIU/mL	0.55-4.78 μIU/mL	CLIA

## **BIOLOGICAL REFERENCE INTERVAL:** [ONLY FOR PREGNANT MOTHERS]

Trimester specific TSH LEVELS during pregnancy:

FIRST TRIMESTER : 0.10 2.50  $\mu$  IU/mL SECOND TRIMESTER : 0.20 3.00  $\mu$  IU/mL THIRD TRIMESTER : 0.30 3.00  $\mu$  IU/mL

## References :

- **1.**Indian Thyroid Society guidelines for management of thyroid dysfunction during pregnancy. Clinical Practice Guidelines, New Delhi: Elsevier; 2012.
- 2.Stagnaro-Green A, Abalovich M, Alexander E, Azizi F, Mestman J, Negro R, et al. Guidelines of the American Thyroid Association for the Diagnosis and Management of Thyroid Disease During Pregnancy and Postpartum. Thyroid 2011; 21:1081-25.
- 3. Dave A, Maru L, Tripathi M. Importance of Universal screening for thyroid disorders in first trimester of pregnancy. Indian J Endocr Metab [serial online] 2014 [cited 2014 Sep 25]; 18: 735-8. Available from: http://www.ijem.in/text.asp? 2014/18/5/735/139221.

Dr S. C. Jha MBBS MD (PATH) SENIOR CONSULTANT PATHOLOGIST & HEMATOLOGIST

**Lab No.** : BOR/07-03-2023/SR7377831 Page 5 of 9



**Lab No.** : BOR/07-03-2023/SR7377831

Patient Name : KUMAR ASHWINI

**Age** : 34 Y 0 M 0 D

**Gender**: M **Report Date**: 07/Mar/2023 06:16PM



# E.C.G. REPORT

Lab Add.

**Collection Date:** 

Ref Dr.

: Off Patliputra, Patna

: Dr.MEDICAL OFFICER

IMPRESSION	:	SINUS TACHYCARDIA.
T WAVE	25	Degree
QRS WAVE	37	Degree
AXIS P WAVE	31	Degree
QTC INTERVAL	421	Ms
QT INTERVAL	316	Ms
QRS DURATION	88	Ms
PR INTERVAL	156	Ms
DATA HEART RATE	106	Bpm

Dr Aditya Kumar MD (Medicine), DM (Cardiology)

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Lab No.: BOR/07-03-2023/SR7377831Lab Add.: Off Patliputra, PatnaPatient Name: KUMAR ASHWINIRef Dr.: Dr.MEDICAL OFFICER

**Age** : 34 Y 0 M 0 D

**Gender** : M **Report Date** : 07/Mar/2023 10:20AM



# X-RAY REPORT OF CHEST (PA)

**Collection Date:** 

## **FINDINGS**:

No active lung parenchymal lesion is seen.

Both the hila are normal in size, density and position.

Mediastinum is in central position. Trachea is in midline.

Domes of diaphragm are smoothly outlined. Position is within normal limits.

Lateral costo-phrenic angles are clear.

The cardio-thoracic ratio is normal.

Bony thorax reveals no definite abnormality.

# **IMPRESSION:**

Normal study.

Mkablani

DR. Mozammil Rabbani MBBS., MD(Radiodiagnosis) Consultant Radiologist Registration No: 46973

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Lab No.: BOR/07-03-2023/SR7377831Lab Add.: Off Patliputra, PatnaPatient Name: KUMAR ASHWINIRef Dr.: Dr.MEDICAL OFFICER

**Age** : 34 Y 0 M 0 D

**Gender** : M **Report Date** : 07/Mar/2023 11:26AM



## **ULTRASONOGRAPHY OF WHOLE ABDOMEN**

Collection Date:

**LIVER**: Normal in shape, size (13.8 cm) and parenchymal echopattern. No focal lesion of altered echogenicity is seen. Intrahepatic biliary radicles are not dilated. The portal vein branches and hepatic veins are normal.

<u>GALL BLADDER:</u> Well distended containing a calculus of size 6.0 mm. Wall thickness is normal. No pericholecystic collection or mass formation is noted.

**PORTA HEPATIS**: The portal vein is normal in caliber with clear lumen. The common bile duct is normal in caliber. Visualized lumen is clear.

<u>PANCREAS</u>: It is normal in shape, size and echopattern. Main pancreatic duct is not dilated. No focal lesion of altered echogenicity is seen. The peripancreatic region shows no abnormal fluid collection.

**SPLEEN**: It is normal in shape, size and shows homogeneous echopattern. No focal lesion is seen. No abnormal venous dilatation is seen in the splenic hilum.

**KIDNEYS**: Both Kidneys are normal in shape, size and position. Cortical echogenicity and thickness are normal with normal cortico-medullary differentiation in both kidneys. No calculus, hydronephrosis or mass is noted. The perinephric region shows no abnormal fluid collection.

RIGHT KIDNEY measures 9.8 x 3.9 cm & LEFT KIDNEY measures 10.8 x 5.8 cm.

**URETER**: Both ureters are not dilated. No calculus is noted in either side.

**PERITONEUM & RETROPERITONEUM**: The aorta and IVC are normal. Lymph nodes are not enlarged. No free fluid is seen in peritoneum.

<u>URINARY BLADDER:</u> It is adequately distended providing optimum scanning window. The lumen is clear and wall thickness is normal. **Pre void urine volume is 380 cc and post void urine volume is 56 cc (significant).** 

**PROSTATE:** It is normal in shape, size and echopattern. No focal lesion is seen. Capsule is smooth.

## **IMPRESSION:**

- · Cholelithiasis. Normal CBD and pancreas.
- · Normal size prostate but significant post void residue.

# Kindly note

- Ø Ultrasound is not the modality of choice to rule out subtle bowel lesion.
- Ø Please Intimate us for any typing mistakes and send the report for correction within 7 days.
- Ø The science of Radiological diagnosis is based on the interpretation of various shadows produced by both the

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Lab No.: BOR/07-03-2023/SR7377831Lab Add.: Off Patliputra, PatnaPatient Name: KUMAR ASHWINIRef Dr.: Dr.MEDICAL OFFICER

Age :  $34 \ Y \ 0 \ M \ 0 \ D$  Collection Date:

**Gender**: M **Report Date**: 07/Mar/2023 11:26AM



normal and abnormal tissues and are not always conclusive. Further biochemical and radiological investigation & clinical correlation is required to enable the clinician to reach the final diagnosis.

The report and films are not valid for medico-legal purpose.

Patient Identity not verified.

Mastani

DR. Mozammil Rabbani MBBS., MD(Radiodiagnosis) Consultant Radiologist Registration No: 46973

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