



| | Dr. Vinay Chopra MD (Pathology & Micr Chairman & Consultan | obiology) | | (Pathology) | |
|------------------------------------------|------------------------------------------------------------------------------|-------------------|------------------------------------------|-------------|-----------------------------------------------------------------------|
| NAME | : Mr. RAJU | | | | |
| AGE/ GENDER | : 49 YRS/MALE | | PATIENT ID | : 1718009 | |
| COLLECTED BY | : | | REG. NO./LAB NO. | :042501 | 070004 |
| REFERRED BY | : | | REGISTRATION DATE | :07/Jan/2 | 025 11:02 AM |
| BARCODE NO. | : A1260267 | | COLLECTION DATE | | 025 03:50PM |
| CLIENT CODE. | : KOS DIAGNOSTIC SHAHBAD | | REPORTING DATE | :07/Jan/2 | 025 04:25PM |
| CLIENT ADDRESS | : 6349/1, NICHOLSON ROAD, AMBA | ALA CANTI | | | |
| Test Name | | Value | Unit | В | Biological Reference interval |
| | CALLACITA | | TINECC DANEL -1.0 | | |
| | | | LLNESS PANEL: 1.0 | | |
| BED BLOOD CELLS | | LEIE BL | OOD COUNT (CBC) | | |
| HAEMOGLOBIN (HB | (RBCS) COUNT AND INDICES | 13.4 | gm/dL | 1 | 12.0 - 17.0 |
| by CALORIMETRIC | | | J. J | | |
| RED BLOOD CELL (R by HYDRO DYNAMIC FO | BC) COUNT CUSING, ELECTRICAL IMPEDENCE | 4.82 | Millions/ | cmm 3 | 3.50 - 5.00 |
| PACKED CELL VOLU | | 42.7 | % | 4 | 40.0 - 54.0 |
| MEAN CORPUSCULA | tomated hematology analyzer R VOLUME (MCV) tomated hematology analyzer | 88.6 | fL | 8 | 30.0 - 100.0 |
| MEAN CORPUSCULA | R HAEMOGLOBIN (MCH) TOMATED HEMATOLOGY ANALYZER | 27.8 | pg | 2 | 27.0 - 34.0 |
| MEAN CORPUSCULA | R HEMOGLOBIN CONC. (MCHC) TOMATED HEMATOLOGY ANALYZER | 31.4 ^L | g/dL | 3 | 32.0 - 36.0 |
| RED CELL DISTRIBU | TION WIDTH (RDW-CV) TOMATED HEMATOLOGY ANALYZER | 15.2 | % | 1 | 11.00 - 16.00 |
| | TION WIDTH (RDW-SD) TOMATED HEMATOLOGY ANALYZER | 50.4 | fL | 3 | 35.0 - 56.0 |
| MENTZERS INDEX | | 18.38 | RATIO | 1 I | BETA THALASSEMIA TRAIT: < 13.0 RON DEFICIENCY ANEMIA: >13.0 |
| GREEN & KING INDE | ΞX | 27.94 | RATIO | H 6 I | 3ETA THALASSEMIA TRAIT:<= 35.0 RON DEFICIENCY ANEMIA: > 35.0 |
| WHITE BLOOD CEL | LS (WBCS) | | | | |
| | BY SF CUBE & MICROSCOPY | 6700 | /cmm | | 4000 - 11000 |
| | HEMATOLOGY ANALYZER | NIL | | | 0.00 - 20.00 |
| | OOD CELLS (nRBCS) % Tomated hematology analyzer | NIL | % | < | < 10 % |
| | | | Λ | | |





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

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Dr. Vinay Chopra



Dr. Yugam Chopra MD (Pathology & Microbiology) Chairman & Consultant Pathologist MD (Pathology) CEO & Consultant Pathologist

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| | | | |

| Test Name | Value | Unit | Biological Reference interval |
|----------------------------------------------------------------------------------------------------------------------------------|---------------------|------|--------------------------------------|
| DIFFERENTIAL LEUCOCYTE COUNT (DLC) | | | |
| NEUTROPHILS by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY | 63 | % | 50 - 70 |
| LYMPHOCYTES by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY | 29 | % | 20 - 40 |
| EOSINOPHILS by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY | 2 | % | 1 - 6 |
| MONOCYTES by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY | 6 | % | 2 - 12 |
| BASOPHILS by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY | 0 | % | 0 - 1 |
| ABSOLUTE LEUKOCYTES (WBC) COUNT | | | |
| ABSOLUTE NEUTROPHIL COUNT by flow cytometry by sf cube & microscopy | 4221 | /cmm | 2000 - 7500 |
| ABSOLUTE LYMPHOCYTE COUNT by flow cytometry by SF cube & microscopy | 1943 | /cmm | 800 - 4900 |
| ABSOLUTE EOSINOPHIL COUNT by flow cytometry by sf cube & microscopy | 134 | /cmm | 40 - 440 |
| ABSOLUTE MONOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY | 402 | /cmm | 80 - 880 |
| ABSOLUTE BASOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY | 0 | /cmm | 0 - 110 |
| PLATELETS AND OTHER PLATELET PREDICTIVE | MARKERS. | | |
| PLATELET COUNT (PLT) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE | 176000 | /cmm | 150000 - 450000 |
| PLATELETCRIT (PCT) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE | 0.29 | % | 0.10 - 0.36 |
| MEAN PLATELET VOLUME (MPV) by hydro dynamic focusing, electrical impedence | 16 ^H | fL | 6.50 - 12.0 |
| PLATELET LARGE CELL COUNT (P-LCC) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE | 124000 ^H | /cmm | 30000 - 90000 |
| PLATELET LARGE CELL RATIO (P-LCR) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE | 70.2 ^H | % | 11.0 - 45.0 |
| PLATELET DISTRIBUTION WIDTH (PDW) by hydro dynamic focusing, electrical impedence NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD | 16.2 | % | 15.0 - 17.0 |



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| LIENT CODE. | : KOS DIAGNOSTIC SH | AHBAD | REPORTING DATE | : 07/Jan/2025 04:56PM |
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| est Name | | Value | Unit | Biological Reference interval |
| y RED CELL AGGRE ERPRETATION: ESR is a non-speci mune disease, but An ESR can be affe | does not tell the health ected by other conditions | TOMETRY ed result often indicates practitioner exactly wher | e the inflammation is in the | ion associated with infection, cancer and auto e body or what is causing it. |
| C-reactive protein This test may also stemic lupus eryth DNDITION WITH LO low ESR can be see olycythaemia), sig sickle cells in sick DTE: ESR and C - reactiv Generally, ESR doo CRP is not affecteo (CRP is not affected Women tend to ha | be used to monitor disea ematosus W ESR In with conditions that in hificantly high white bloo le cell anaemia) also low re protein (C-RP) are both es not change as rapidly a l by as many other factors ed, it is typically a result we a higher ESR, and mer | nibit the normal sedimer d cell count (leucocytosis er the ESR. markers of inflammation s does CRP, either at the as is ESR, making it a bet of two types of proteins, struation and pregnancy | to therapy in both of the a station of red blood cells, s s) , and some protein abno start of inflammation or a ter marker of inflammation globulins or fibrinogen. can cause temporary eleva | bove diseases as well as some others, such as uch as a high red blood cell count ormalities. Some changes in red cell shape (such s it resolves. n . |

KOS Diagnostic Lab (A Unit of KOS Healthcare)





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| Test Name | | Value | Unit | Biological Reference interval |
| | CLINI | CAL CHEMISTRY | /BIOCHEMIST | RY |
| | | GLUCOSE FAS | TING (F) | |
| | | | | |

KOS Diagnostic Lab (A Unit of KOS Healthcare)

IN ACCORDANCE WITH AMERICAN DIABETES ASSOCIATION GUIDELINES: 1. A fasting plasma glucose level below 100 mg/dl is considered normal. 2. A fasting plasma glucose level between 100 - 125 mg/dl is considered as glucose intolerant or prediabetic. A fasting and post-prandial blood

test (after consumption of 75 gms of glucose) is recommended for all such patients. 3. A fasting plasma glucose level of above 125 mg/dl is highly suggestive of diabetic state. A repeat post-prandial is strongly recommended for all such patients. A fasting plasma glucose level in excess of 125 mg/dl on both occasions is confirmatory for diabetic state.





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| Test Name | | Value | Unit | Biological Reference interval |
| | | LIPID PROI | FILE : BASIC | |
| CHOLESTEROL TO by CHOLESTEROL O. | | 173.55 | mg/dL | OPTIMAL: < 200.0 BORDERLINE HIGH: 200.0 - 239.0 HIGH CHOLESTEROL: > OR = 240.0 |
| FRIGLYCERIDES: S by GLYCEROL PHOSI | ERUM PHATE OXIDASE (ENZYMATIC) | 203.88 ^H | mg/dL | OPTIMAL: < 150.0 BORDERLINE HIGH: 150.0 - 199.0 HIGH: 200.0 - 499.0 |
| HDL CHOLESTERO | L (DIRECT): SERUM Ton | 30 | mg/dL | VERY HIGH: > OR = 500.0 LOW HDL: < 30.0 BORDERLINE HIGH HDL: 30.0 60.0 HIGH HDL: > OR = 60.0 |
| LDL CHOLESTERO by CALCULATED, SPI | | 102.77 | mg/dL | OPTIMAL: < 100.0 ABOVE OPTIMAL: 100.0 - 129. BORDERLINE HIGH: 130.0 - 159.0 HIGH: 160.0 - 189.0 VERY HIGH: > OR = 190.0 |
| NON HDL CHOLES by CALCULATED, SPI | TEROL: SERUM ECTROPHOTOMETRY | 143.55 ^H | mg/dL | OPTIMAL: < 130.0 ABOVE OPTIMAL: 130.0 - 159.0 BORDERLINE HIGH: 160.0 - 189.0 HIGH: 190.0 - 219.0 VERY HIGH: > OR = 220.0 |
| VLDL CHOLESTER | OL: SERUM Ectrophotometry | 40.78 | mg/dL | 0.00 - 45.00 |
| FOTAL LIPIDS: SEI | | 550.98 | mg/dL | 350.00 - 700.00 |
| CHOLESTEROL/HI | | 5.79 ^H | RATIO | LOW RISK: 3.30 - 4.40 AVERAGE RISK: 4.50 - 7.0 MODERATE RISK: 7.10 - 11.0 HIGH RISK: > 11.0 |

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672.5M



TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.





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| Test Name | | Value | Unit | Biological Reference interval |
| LDL/HDL RATIO: S by CALCULATED, SPE | | 3.43 ^H | RATIO | LOW RISK: 0.50 - 3.0 MODERATE RISK: 3.10 - 6.0 HIGH RISK: > 6.0 |
| TRIGLYCERIDES/H by CALCULATED, SPE | IDL RATIO: SERUM | 6.8 ^H | RATIO | 3.00 - 5.00 |

INTERPRETATION:

1. Measurements in the same patient can show physiological analytical variations. Three serial samples 1 week apart are recommended for Total Cholesterol, Triglycerides, HDL & LDL Cholesterol.

2. As per NLA-2014 guidelines, all adults above the age of 20 years should be screened for lipid status. Selective screening of children above the age of 2 years with a family history of premature cardiovascular disease or those with at least one parent with high total cholesterol is recommended.

3. Low HDL levels are associated with increased risk for Atherosclerotic Cardiovascular disease (ASCVD) due to insufficient HDL being available

4. NLA-2014 identifies Non HDL Cholesterol (an indicator of all atherogeniclipoproteins such as LDL, VLDL, IDL, Lpa, Chylomicron remnants) along with LDL-cholesterol as co- primary target for cholesterol lowering therapy. Note that major risk factors can modify treatment goals for LDL & Non HDL

5. Additional testing for Apolipoprotein B, hsCRP,Lp(a) & LP-PLA2 should be considered among patients with moderate risk for ASCVD for risk refinement





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| Test Name | | Value | Unit | Biological Reference interv |
| | LIVER | FUNCTIO | N TEST (COMPLETE) | |
| BILIRUBIN TOTAL by DIAZOTIZATION, SI | : SERUM PECTROPHOTOMETRY | 0.53 | mg/dL | INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20 |
| | C (CONJUGATED): SERUM | 0.16 | mg/dL | 0.00 - 0.40 |
| | CCT (UNCONJUGATED): SERUM | 0.37 | mg/dL | 0.10 - 1.00 |
| SGOT/AST: SERUM by IFCC, WITHOUT PY | [/RIDOXAL PHOSPHATE | 34.9 | U/L | 7.00 - 45.00 |
| SGPT/ALT: SERUM by IFCC, WITHOUT PY | [/RIDOXAL PHOSPHATE | 37.1 | U/L | 0.00 - 49.00 |
| AST/ALT RATIO: S by CALCULATED, SPE | ERUM ECTROPHOTOMETRY | 0.94 | RATIO | 0.00 - 46.00 |
| ALKALINE PHOSPI by PARA NITROPHEN PROPANOL | HATASE: SERUM IYL PHOSPHATASE BY AMINO METHYL | 50.89 | U/L | 40.0 - 130.0 |
| GAMMA GLUTAMY by SZASZ, SPECTRON | L TRANSFERASE (GGT): SERUM PHTOMETRY | 30.83 | U/L | 0.00 - 55.0 |
| TOTAL PROTEINS: by BIURET, SPECTRO | | 8 | gm/dL | 6.20 - 8.00 |
| ALBUMIN: SERUM by BROMOCRESOL G | | 4.48 | gm/dL | 3.50 - 5.50 |
| GLOBULIN: SERUN by CALCULATED, SPE | | 3.52 ^H | gm/dL | 2.30 - 3.50 |
| A : G RATIO: SERUI | | 1.27 | RATIO | 1.00 - 2.00 |

Dr. Vinay Chopra

by CALCULATED, SPECTROPHOTOMETRY

INTERPRETATION

NOTE:- To be correlated in individuals having SGOT and SGPT values higher than Normal Referance Range. USE:- Differential diagnosis of diseases of hepatobiliary system and pancreas.

INCREASED:

| DRUG HEPATOTOXICITY | > 2 |
|----------------------------------------------|----------------------------|
| ALCOHOLIC HEPATITIS | > 2 (Highly Suggestive) |
| CIRRHOSIS | 1.4 - 2.0 |
| INTRAHEPATIC CHOLESTATIS | > 1.5 |
| HEPATOCELLULAR CARCINOMA & CHRONIC HEPATITIS | > 1.3 (Slightly Increased) |





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| | | | |

DECREASED:

1. Acute Hepatitis due to virus, drugs, toxins (with AST increased 3 to 10 times upper limit of normal)

2. Extra Hepatic cholestatis: 0.8 (normal or slightly decreased).

PROGNOSTIC SIGNIFICANCE:

| NORMAL | < 0.65 |
|----------------------|-----------|
| GOOD PROGNOSTIC SIGN | 0.3 - 0.6 |
| POOR PROGNOSTIC SIGN | 1.2 - 1.6 |
| | |



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| Test Name | | Value | Unit | Biological Reference interva | |
| | KIDNE | Y FUNCTION 1 | FEST (COMPLETE) | | |
| UREA: SERUM | | 21.55 | mg/dL | 10.00 - 50.00 | |
| • | IATE DEHYDROGENASE (GLDH) | | U U | | |
| CREATININE: SERU by ENZYMATIC, SPEC | | 1.05 | mg/dL | 0.40 - 1.40 | |
| | ROGEN (BUN): SERUM | 10.07 | mg/dL | 7.0 - 25.0 | |
| by CALCULATED, SPE BLOOD URFA NITE | ECTROPHOTOMETRY ROGEN (BUN)/CREATININE | 9.59 ^L | RATIO | 10.0 - 20.0 | |
| RATIO: SERUM | | 9.39- | imitio | 10.0 20.0 | |
| by CALCULATED, SPE UREA/CREATININ | | 20.52 | RATIO | | |
| by CALCULATED, SPE | | 20.52 | RATIO | | |
| URIC ACID: SERUM | | 5.97 | mg/dL | 3.60 - 7.70 | |
| by URICASE - OXIDAS CALCIUM: SERUM | SE PERUXIDASE | 9.65 | mg/dL | 8.50 - 10.60 | |
| by ARSENAZO III, SPE | | | 0 | | |
| PHOSPHOROUS: SE by PHOSPHOMOLYBE | KUM DATE, SPECTROPHOTOMETRY | 3.05 | mg/dL | 2.30 - 4.70 | |
| ELECTROLYTES | | | | | |
| SODIUM: SERUM | | 139.6 | mmol/L | 135.0 - 150.0 | |
| by ISE (ION SELECTIV POTASSIUM: SERU | | 3.99 | mmol/L | 3.50 - 5.00 | |
| by ISE (ION SELECTIV | (E ELECTRODE) | | | | |
| CHLORIDE: SERUN by ISE (ION SELECTIV | - | 104.7 | mmol/L | 90.0 - 110.0 | |
| | IERULAR FILTERATION RATE | | | | |
| ESTIMATED GLOM | ERULAR FILTERATION RATE | 87 | | | |
| (eGFR): SERUM | | | | | |
| INTERPRETATION: | | | | | |

INTERPRETATION:

To differentiate between pre- and post renal azotemia.

INCREASED RATIO (>20:1) WITH NORMAL CREATININE: 1. Prerenal azotemia (BUN rises without increase in creatinine) e.g. heart failure, salt depletion, dehydration, blood loss) due to decreased glomerular filtration rate.

2. Catabolic states with increased tissue breakdown.

3. GI haemorrhage.



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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT





| COLLECTED BY : REFERRED BY : BARCODE NO. : A1260 CLIENT CODE. : KOS D CLIENT ADDRESS : 6349/ Test Name 4. High protein intake. 5. Impaired renal function plus 6. Excess protein intake or proc bourns, surgery, cachexia, high f 7. Urine reabsorption (e.g. uret 8. Reduced muscle mass (subn 9. Certain drugs (e.g. tetracycli INCREASED RATIO (>20:1) WITH 1. Postrenal azotemia (BUN rise 2. Prerenal azotemia superimp DECREASED RATIO (<10:1) WITH 1. Acute tubular necrosis. 2. Low protein diet and starvati 3. Severe liver disease. 4. Other causes of decreased u 5. Repeated dialysis (urea rath 6. Inherited hyperammonemia | S/MALE D266 DIAGNOSTIC SHAHBAD (1, NICHOLSON ROAD, AMBALA C Valu s duction or tissue breakdown (e.g. fever). ter colostomy) normal creatinine production) ine, glucocorticoids) H ELEVATED CREATININE LEVELS: es disproportionately more than c posed on renal disease. H DECREASED BUN : tion. urea synthesis. her than creatinine diffuses out of | ie Uni infection, GI bleeding, thyre creatinine) (e.g. obstructive extracellular fluid). | ATE : 07/Jan/2025 E : 07/Jan/2025 E : 07/Jan/2025 it Biol rotoxicosis, Cushing's sy | 5 11:02 AM 5 03:50PM 5 05:03PM logical Reference interval |
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| REFERRED BY : BARCODE NO. : A1260 CLIENT CODE. : KOS D CLIENT ADDRESS : 6349/ CLIENT ADDRESS : 6349/ Test Name 4. High protein intake. 5. Impaired renal function plus 5. Excess protein intake or prod burns, surgery, cachexia, high f 7. Urine reabsorption (e.g. uret 3. Reduced muscle mass (subn 4. Hostrenal azotemia (BUN rise 2. Certain drugs (e.g. tetracycli NCREASED RATIO (>20:1) WITH 1. Postrenal azotemia superimp DECREASED RATIO (<10:1) WITH 1. Acute tubular necrosis. 2. Low protein diet and starvati 3. Severe liver disease. 4. Other causes of decreased u 5. Repeated dialysis (urea rath 5. Inherited hyperammonemia | VIAGNOSTIC SHAHBAD (1, NICHOLSON ROAD, AMBALA C Value s duction or tissue breakdown (e.g. fever). ter colostomy) normal creatinine production) ine, glucocorticoids) H ELEVATED CREATININE LEVELS: es disproportionately more than c bosed on renal disease. H DECREASED BUN : tion. urea synthesis. her than creatinine diffuses out of | REGISTRATION DATE COLLECTION DATE REPORTING DATE CANTT Infection, GI bleeding, thyra infection, GI bleeding, thyra creatinine) (e.g. obstructive extracellular fluid). | ATE : 07/Jan/2025 E : 07/Jan/2025 E : 07/Jan/2025 it Biol rotoxicosis, Cushing's sy | 5 11:02 AM 5 03:50PM 5 05:03PM logical Reference interval |
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| High protein intake. Impaired renal function plus Excess protein intake or proc burns, surgery, cachexia, high f Urine reabsorption (e.g. uret Reduced muscle mass (subn Certain drugs (e.g. tetracycli INCREASED RATIO (>20:1) WITH Postrenal azotemia superimp DECREASED RATIO (<10:1) WITH Acute tubular necrosis. Low protein diet and starvati Severe liver disease. Other causes of decreased u Repeated dialysis (urea rath Inherited hyperammonemia | s duction or tissue breakdown (e.g. fever). ter colostomy) normal creatinine production) ine, glucocorticoids) HELEVATED CREATININE LEVELS: es disproportionately more than c posed on renal disease. H DECREASED BUN : tion. urea synthesis. her than creatinine diffuses out of | infection, GI bleeding, thyra reatinine) (e.g. obstructive extracellular fluid). | otoxicosis, Cushing's sy | |
| 5. Impaired renal function plus 6. Excess protein intake or procourns, surgery, cachexia, high f 7. Urine reabsorption (e.g. uret 8. Reduced muscle mass (subn- 9. Certain drugs (e.g. tetracycli INCREASED RATIO (>20:1) WITH 1. Postrenal azotemia superimp DECREASED RATIO (<10:1) WITH 1. Acute tubular necrosis. 2. Low protein diet and starvati 3. Severe liver disease. 4. Other causes of decreased u 5. Repeated dialysis (urea rath 6. Inherited hyperammonemia | duction or tissue breakdown (e.g. fever). ter colostomy) normal creatinine production) ine, glucocorticoids) HELEVATED CREATININE LEVELS: es disproportionately more than c posed on renal disease. H DECREASED BUN : cion. urea synthesis. her than creatinine diffuses out of | reatinine) (e.g. obstructive extracellular fluid). | | yndrome, high protein diet, |
| B. Pregnancy. DECREASED RATIO (<10:1) WITH Phenacimide therapy (accele Rhabdomyolysis (releases m Muscular patients who deve NAPPROPIATE RATIO: Diabetic ketoacidosis (aceto Should produce an increased B Cephalosporin therapy (inter ESTIMATED GLOMERULAR FILTE CKD STAGE G1 | Piate antidiuretic harmone) due to H INCREASED CREATININE: erates conversion of creatine to cr huscle creatinine). elop renal failure. bacetate causes false increase in cl BUN/creatinine ratio). rferes with creatinine measurement ERATION RATE: DESCRIPTION Normal kidney function | o tubular secretion of urea. reatinine). reatinine with certain meth nt). GFR (mL/min/1.73m2) >90 | hodologies,resulting in ASSOCIATED FINDIN No proteinuria | IGS |
| G2 | Kidney damage with | >90 | Presence of Proteir | n . |
| | normal or high GFR | | Albumin or cast in u | |
| G3a | Mild decrease in GFR | 60 -89 | | |
| G3b G4 | Moderate decrease in GFR | | | |
| | Severe decrease in GFR | 30-59 15-29 | | |





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









| | Dr. Vinay Chopra MD (Pathology & Microbiolo Chairman & Consultant Path | | (Pathology) |
|--------------------|-------------------------------------------------------------------------------------|--------------------------|-------------------------------|
| NAME | : Mr. RAJU | | |
| AGE/ GENDER | : 49 YRS/MALE | PATIENT ID | : 1718009 |
| COLLECTED BY | : | REG. NO./LAB NO. | : 042501070004 |
| REFERRED BY | : | REGISTRATION DATE | : 07/Jan/2025 11:02 AM |
| BARCODE NO. | : A1260266 | COLLECTION DATE | : 07/Jan/2025 03:50PM |
| CLIENT CODE. | : KOS DIAGNOSTIC SHAHBAD | REPORTING DATE | : 07/Jan/2025 05:03PM |
| CLIENT ADDRESS | : 6349/1, NICHOLSON ROAD, AMBALA C | ANTT | |
| Test Name | Valu | ie Unit | Biological Reference interval |

COMMENTS:

Estimated Glomerular filtration rate (eGFR) is the sum of filtration rates in all functioning nephrons and so an estimation of the GFR provides a measure of functioning nephrons of the kidney.
 eGFR calculated using the 2009 CKD-EPI creatinine equation and GFR category reported as per KDIGO guideline 2012
 In patients, with eGFR creatinine between 45-59 ml/min/1.73 m2 (G3) and without any marker of Kidney damage, It is recommended to measure of CFD with the commended to measure

3. In patients, with eGFR cleaning between 45-59 minimit 1.73 m2 (G3) and without any marker of Kidney damage, it is recommended to measure eGFR with Cystatin C for confirmation of CKD
4. eGFR category G1 OR G2 does not fulfill the criteria for CKD, in the absence of evidence of Kidney Damage
5. In a suspected case of Acute Kidney Injury (AKI), measurement of eGFR should be done after 48-96 hours of any Intervention or procedure
6. eGFR calculated by Serum Creatinine may be less accurate due to certain factors like Race, Muscle Mass, Diet, Certain Drugs. In such cases, eGFR should be calculated using Serum Cystatin C
7. A decrease in eGFR implies either progressive renal disease, or a reversible process causing decreased nephron function (eg, severe dehydration).

ADVICE:

KDIGO guideline, 2012 recommends Chronic Kidney Disease (CKD) should be classified based on cause, eGFR category and Albuminuria (ACR) category. GFR & ACR category combined together reflect risk of progression and helps Clinician to identify the individual who are progressing at more rapid rate than anticipated



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| | Dr. Vinay Ch MD (Pathology & Chairman & Con | | Dr. Yugan MD CEO & Consultant | (Pathology) | | |
|----------------------|----------------------------------------------------------|---------------|-------------------------------------|--------------------------------------|--|--|
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| REFERRED BY | : | RE | GISTRATION DATE | : 07/Jan/2025 11:02 AM | | |
| BARCODE NO. | : A1260264 | | LLECTION DATE | : 07/Jan/2025 04:31PM | | |
| | CLIENT CODE. : KOS DIAGNOSTIC SHAHBAD | | PORTING DATE | : 07/Jan/2025 05:09PM | | |
| CLIENT ADDRESS | : 6349/1, NICHOLSON ROAD, J | AMBALA CANTT | | | | |
| Test Name | | Value | Unit | Biological Reference interval | | |
| | CLINICAL PATHOLOGY | | | | | |
| | URINE RO | UTINE & MICRO | SCOPIC EXAMINA | ATION | | |
| PHYSICAL EXAMIN | NATION | | | | | |
| | ED TANCE SPECTROPHOTOMETRY | 10 | ml | | | |
| COLOUR | | AMBER YELI | LOW | PALE YELLOW | | |
| TRANSPARANCY | TANCE SPECTROPHOTOMETRY | CLEAR | | CLEAR | | |
| SPECIFIC GRAVITY | | 1.01 | | 1.002 - 1.030 | | |
| CHEMICAL EXAMI | | | | | | |
| REACTION | | NEUTRAL | | | | |
| PROTEIN | TANCE SPECTROPHOTOMETRY | Negative | | NEGATIVE (-ve) | | |
| by DIP STICK/REFLEC | TANCE SPECTROPHOTOMETRY | Negative | | NEGATIVE (-ve) | | |
| pH | | 7 | | 5.0 - 7.5 | | |
| BILIRUBIN | TANCE SPECTROPHOTOMETRY | Negative | | NEGATIVE (-ve) | | |
| NITRITE | TANCE SPECTROPHOTOMETRY | Negative | | NEGATIVE (-ve) | | |
| UROBILINOGEN | TANCE SPECTROPHOTOMETRY. | Normal | EU/dL | 0.2 - 1.0 | | |
| KETONE BODIES | TANCE SPECTROPHOTOMETRY | Negative | | NEGATIVE (-ve) | | |
| BLOOD | TANCE SPECTROPHOTOMETRY | Negative | | NEGATIVE (-ve) | | |
| ASCORBIC ACID | TANCE SPECTROPHOTOMETRY | NEGATIVE (- | ve) | NEGATIVE (-ve) | | |
| RED BLOOD CELLS | | NEGATIVE (- | ve) /HPF | 0 - 3 | | |



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Page 13 of 14







Dr. Vinay Chopra MD (Pathology & Microbiology) Chairman & Consultant Pathologist

Dr. Yugam Chopra MD (Pathology) CEO & Consultant Pathologist

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| CLIENT ADDRESS | : 6349/1, NICHOLSON ROAD, AMI | BALA CANTT | |
| | | | |
| Test Name | | Value Unit | Biological Reference interval |

| rest name | value | Unit | biological Reference interval |
|-----------------------------------------------------------------------------------|----------------|------|-------------------------------|
| by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT | | | |
| PUS CELLS | 2-3 | /HPF | 0 - 5 |
| by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT | | | |
| EPITHELIAL CELLS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT | 1-2 | /HPF | ABSENT |
| CRYSTALS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT | NEGATIVE (-ve) | | NEGATIVE (-ve) |
| CASTS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT | NEGATIVE (-ve) | | NEGATIVE (-ve) |
| BACTERIA by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT | NEGATIVE (-ve) | | NEGATIVE (-ve) |
| OTHERS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT | NEGATIVE (-ve) | | NEGATIVE (-ve) |
| TRICHOMONAS VAGINALIS (PROTOZOA) by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT | ABSENT | | ABSENT |

** End Of Report ***





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

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