

KOS Diagnostic Lab

(A Unit of KOS Healthcare)



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

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

NAME : Mrs. CHETNA

AGE/ GENDER : 45 YRS/FEMALE **PATIENT ID** : 1807938

COLLECTED BY : REG. NO./LAB NO. : 012503260072

 REFERRED BY
 : 26/Mar/2025 09:58 PM

 BARCODE NO.
 : 01527832
 COLLECTION DATE
 : 26/Mar/2025 09:59 PM

 CLIENT CODE.
 : KOS DIAGNOSTIC LAB
 REPORTING DATE
 : 26/Mar/2025 11:01 PM

CLIENT ADDRESS: 6349/1, NICHOLSON ROAD, AMBALA CANTT

Test Name Value Unit Biological Reference interval

CLINICAL CHEMISTRY/BIOCHEMISTRY ALBUMIN

ALBUMIN: SERUM
by BROMOCRESOL GREEN

2.45L
gm/dL
3.50 - 5.50



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

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



CLIENT CODE.



KOS Diagnostic Lab

(A Unit of KOS Healthcare)



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

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

: 26/Mar/2025 11:12PM

NAME : Mrs. CHETNA

AGE/ GENDER : 45 YRS/FEMALE **PATIENT ID** : 1807938

COLLECTED BY : REG. NO./LAB NO. : 012503260072

 REFERRED BY
 : 26/Mar/2025 09:58 PM

 BARCODE NO.
 : 01527832
 COLLECTION DATE
 : 26/Mar/2025 09:59 PM

CLIENT ADDRESS : 6349/1, NICHOLSON ROAD, AMBALA CANTT

: KOS DIAGNOSTIC LAB

Test Name Value Unit Biological Reference interval

REPORTING DATE

UREA

UREA: SERUM $_{by\ UREASE\ -\ GLUTAMATE\ DEHYDROGENASE\ (GLDH)}$ 141.02 $^{
m H}$ mg/dL 10.00 - 50.00



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

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



CLIENT CODE.



KOS Diagnostic Lab

(A Unit of KOS Healthcare)



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

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

: 26/Mar/2025 11:12PM

0.40 - 1.20

NAME : Mrs. CHETNA

AGE/ GENDER PATIENT ID : 1807938 : 45 YRS/FEMALE

COLLECTED BY : 012503260072 REG. NO./LAB NO.

REGISTRATION DATE REFERRED BY : 26/Mar/2025 09:58 PM BARCODE NO. :01527832 **COLLECTION DATE** : 26/Mar/2025 09:59PM

: KOS DIAGNOSTIC LAB **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT

Value Unit Test Name **Biological Reference interval**

REPORTING DATE

CREATININE

CREATININE: SERUM mg/dL

8.72H by ENZYMATIC, SPECTROPHOTOMETRY



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

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





KOS Diagnostic Lab

(A Unit of KOS Healthcare)



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

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

: 26/Mar/2025 10:37PM

NAME : Mrs. CHETNA

AGE/ GENDER : 45 YRS/FEMALE **PATIENT ID** : 1807938

COLLECTED BY :012503260072 REG. NO./LAB NO.

REFERRED BY **REGISTRATION DATE** : 26/Mar/2025 09:58 PM BARCODE NO. :01527832 **COLLECTION DATE** : 26/Mar/2025 09:59PM

: KOS DIAGNOSTIC LAB **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT

st Name	Value	Unit	Biological Reference interval
---------	-------	------	--------------------------------------

REPORTING DATE

ELECTROLYTES COMPLETE PROFILE

SODIUM: SERUM by ISE (ION SELECTIVE ELECTRODE)	139.5	mmol/L	135.0 - 150.0
POTASSIUM: SERUM by ISE (ION SELECTIVE ELECTRODE)	5.92 ^H	mmol/L	3.50 - 5.00
CHLORIDE: SERUM by ISE (ION SELECTIVE ELECTRODE)	104.63	mmol/L	90.0 - 110.0

INTERPRETATION:-

CLIENT CODE.

SODIUM:-

Sodium is the major cation of extra-cellular fluid. Its primary function in the body is to chemically maintain osmotic pressure & acid base balance & to transmit nerve impulse.

HYPONATREMIA (LOW SODIUM LEVEL) CAUSES:-

- 1. Low sodium intake.
- 2. Sodium loss due to diarrhea & vomiting with adequate water and iadequate salt replacement.
- 3. Diuretics abuses.
- 4. Salt loosing nephropathy.
- 5. Metabolic acidosis.
- 6. Adrenocortical issuficiency.
- 7. Hepatic failure.

HYPERNATREMIA (INCREASED SODIUM LEVEL) CAUSES:-

- 1. Hyperapnea (Prolonged)
- 2. Diabetes insipidus
- 3. Diabetic acidosis
- 4. Cushings syndrome
- 5.Dehydration

POTASSIUM:-

Potassium is the major cation in the intracellular fluid. 90% of potassium is concentrated within the cells. When cells are damaged, potassium is released in the blood.

HYPOKALEMIA (LOW POTASSIUM LEVELS):-

- 1. Diarrhoea, vomiting & malabsorption.
- 2. Severe Burns.
- 3. Increased Secretions of Aldosterone

HYPERKALEMIA (INCREASED POTASSIUM LEVELS):-

- 1.Oliguria
- 2. Renal failure or Shock
- 3. Respiratory acidosis



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

KOS Central Lab: 6349/1, Nicholson Road, Ambala Cantt -133 001, Haryana



KOS Diagnostic Lab

(A Unit of KOS Healthcare)



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

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

: 26/Mar/2025 10:37PM

NAME : Mrs. CHETNA

AGE/ GENDER : 45 YRS/FEMALE **PATIENT ID** : 1807938

COLLECTED BY : 012503260072 REG. NO./LAB NO.

REFERRED BY **REGISTRATION DATE** : 26/Mar/2025 09:58 PM **COLLECTION DATE** BARCODE NO. :01527832 : 26/Mar/2025 09:59PM REPORTING DATE

: KOS DIAGNOSTIC LAB **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT

Value Unit Test Name **Biological Reference interval**

4. Hemolysis of blood

CLIENT CODE.

End Of Report *



CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY & MICROBIOLOGY)

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



KOS Central Lab: 6349/1, Nicholson Road, Ambala Cantt -133 001, Haryana KOS Molecular Lab: IInd Floor, Parry Hotel, Staff Road, Opp. GPO, Ambala Cantt -133 001, Haryana 0171-2643898, +91 99910 43898 | care@koshealthcare.com | www.koshealthcare.com