

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

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

NAME : Dr. H.S NAGPAL HOSPITAL  
AGE/ GENDER : 69 YRS/Male  
COLLECTED BY :  
REFERRED BY : NAGPAL HOSPITAL (SHAHBAD)  
BARCODE NO. : A0524950  
CLIENT CODE. : KOS DIAGNOSTIC SHAHBAD  
CLIENT ADDRESS : 6349/1, NICHOLSON ROAD, AMBALA CANTT

PATIENT ID : 1546815  
REG. NO./LAB NO. : 042407120004  
REGISTRATION DATE : 12/Jul/2024 02:08 PM  
COLLECTION DATE : 12/Jul/2024 03:27PM  
REPORTING DATE : 12/Jul/2024 04:41PM

Test Name	Value	Unit	Biological Reference interval
-----------	-------	------	-------------------------------

CLINICAL CHEMISTRY/BIOCHEMISTRY

BILIRUBIN COMPLETE

BILIRUBIN TOTAL: SERUM by DIAZOTIZATION, SPECTROPHOTOMETRY	1.78 <sup>H</sup>	mg/dL	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20
BILIRUBIN DIRECT (CONJUGATED): SERUM by DIAZO MODIFIED, SPECTROPHOTOMETRY	0.98 <sup>H</sup>	mg/dL	0.00 - 0.40
BILIRUBIN INDIRECT (UNCONJUGATED): SERUM by CALCULATED, SPECTROPHOTOMETRY	0.8	mg/dL	0.10 - 1.00



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

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



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

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

<b>NAME</b>	: Dr. H.S NAGPAL HOSPITAL	<b>PATIENT ID</b>	: 1546815
<b>AGE/ GENDER</b>	: 69 YRS/Male	<b>REG. NO./LAB NO.</b>	: 042407120004
<b>COLLECTED BY</b>	:	<b>REGISTRATION DATE</b>	: 12/Jul/2024 02:08 PM
<b>REFERRED BY</b>	: NAGPAL HOSPITAL (SHAHBAD)	<b>COLLECTION DATE</b>	: 12/Jul/2024 03:27PM
<b>BARCODE NO.</b>	: A0524950	<b>REPORTING DATE</b>	: 12/Jul/2024 04:41PM
<b>CLIENT CODE.</b>	: KOS DIAGNOSTIC SHAHBAD		
<b>CLIENT ADDRESS</b>	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		

Test Name	Value	Unit	Biological Reference interval
-----------	-------	------	-------------------------------

### URIC ACID

URIC ACID: SERUM	4.6	mg/dL	3.60 - 7.70
------------------	-----	-------	-------------

by URICASE - OXIDASE PEROXIDASE

#### INTERPRETATION:-

1.GOUT occurs when high levels of Uric Acid in the blood cause crystals to form & accumulate around a joint.  
 2.Uric Acid is the end product of purine metabolism . Uric acid is excreted to a large degree by the kidneys and to a smaller degree in the intestinal tract by microbial degradation.

#### INCREASED:-

##### (A).DUE TO INCREASED PRODUCTION:-

- 1.Idiopathic primary gout.
- 2.Excessive dietary purines (organ meats,legumes,anchovies, etc).
- 3.Cytolytic treatment of malignancies especially leukemais & lymphomas.
- 4.Polycythema vera & myeloid metaplasia.
- 5.Psoriasis.
- 6.Sickle cell anaemia etc.

##### (B).DUE TO DECREASED EXCRETION (BY KIDNEYS)

- 1.Alcohol ingestion.
- 2.Thiazide diuretics.
- 3.Lactic acidosis.
- 4.Aspirin ingestion (less than 2 grams per day ).
- 5.Diabetic ketoacidosis or starvation.
- 6.Renal failure due to any cause etc.

#### DECREASED:-

##### (A).DUE TO DIETARY DEFICIENCY

- 1.Dietary deficiency of Zinc, Iron and molybdenum.
- 2.Fanconi syndrome & Wilsons disease.
- 3.Multiple sclerosis .
- 4.Syndrome of inappropriate antidiuretic hormone (SIADH) secretion & low purine diet etc.

##### (B).DUE TO INCREASED EXCRETION

- 1.Drugs:-Probenecid , sulphinpyrazone, aspirin doses (more than 4 grams per day), corticosteroids and ACTH, anti-coagulants and estrogens etc.





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



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



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

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

<b>NAME</b>	: Dr. H.S NAGPAL HOSPITAL	<b>PATIENT ID</b>	: 1546815
<b>AGE/ GENDER</b>	: 69 YRS/Male	<b>REG. NO./LAB NO.</b>	: 042407120004
<b>COLLECTED BY</b>	:	<b>REGISTRATION DATE</b>	: 12/Jul/2024 02:08 PM
<b>REFERRED BY</b>	: NAGPAL HOSPITAL (SHAHBAD)	<b>COLLECTION DATE</b>	: 12/Jul/2024 03:27PM
<b>BARCODE NO.</b>	: A0524950	<b>REPORTING DATE</b>	: 12/Jul/2024 04:36PM
<b>CLIENT CODE.</b>	: KOS DIAGNOSTIC SHAHBAD		
<b>CLIENT ADDRESS</b>	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		

Test Name	Value	Unit	Biological Reference interval
-----------	-------	------	-------------------------------

**IMMUNOPATHOLOGY/SEROLOGY**  
**HEPATITIS C VIRUS (HCV) ANTIBODIES SCREENING**

HEPATITIS C ANTIBODY (HCV) TOTAL  
 RESULT NON - REACTIVE  
 by IMMUNOCHROMATOGRAPHY

**INTERPRETATION:**

1.Anti HCV total antibody assay identifies presence IgG antibodies in the serum . It is a useful screening test with a specificity of nearly 99%.  
 2.It becomes positive approximately 24 weeks after exposure. The test can not isolate an active ongoing HCV infection from an old infection that has been cleared. All positive results must be confirmed for active disease by an HCV PCR test .

**FALSE NEGATIVE RESULTS SEEN IN:**

- 1.Window period
- 2.Immunocompromised states.



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

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



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

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

<b>NAME</b>	: Dr. H.S NAGPAL HOSPITAL	<b>PATIENT ID</b>	: 1546815
<b>AGE/ GENDER</b>	: 69 YRS/Male	<b>REG. NO./LAB NO.</b>	: 042407120004
<b>COLLECTED BY</b>	:	<b>REGISTRATION DATE</b>	: 12/Jul/2024 02:08 PM
<b>REFERRED BY</b>	: NAGPAL HOSPITAL (SHAHBAD)	<b>COLLECTION DATE</b>	: 12/Jul/2024 03:27PM
<b>BARCODE NO.</b>	: A0524950	<b>REPORTING DATE</b>	: 13/Jul/2024 08:50AM
<b>CLIENT CODE.</b>	: KOS DIAGNOSTIC SHAHBAD		
<b>CLIENT ADDRESS</b>	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		

Test Name	Value	Unit	Biological Reference interval
-----------	-------	------	-------------------------------

### HEPATITIS A VIRUS (HAV) ANTIBODY: TOTAL

HEPATITIS A ANTIBODY (HAV) TOTAL QUANTITATIVE by ELISA (ENZYME LINKED IMMUNOASSAY)	1.2 <sup>H</sup>	AI	< 0.90
HEPATITIS A ANTIBODY (HAV) TOTAL RESULT by ELISA (ENZYME LINKED IMMUNOASSAY)	REACTIVE		NON - REACTIVE

**INTERPRETATION**

#### HEPATITIS A VIRUS (HAV) TOTAL ANTIBODIES

NON REACTIVE	< 0.90
EQUIVOCAL	0.90 - 1.10
POSITIVE	>1.10

- Hepatitis A virus is a non-enveloped RNA virus that is classified as picorna virus. It usually causes a self limiting hepatitis which results in complete remission.
- Occasional cases of fulminant hepatic necrosis are known to be associated with the infection. Transmission is mainly oro-faecal.
- The incubation period is between 15-50 days from the time of exposure.
- IgM antibody is only present in the blood following an acute hepatitis A infection and is a fairly reliable marker of a recent infection. It is detectable from one to two weeks after the initial infection and persists for up to 14 weeks after exposure.

\*\*\* End Of Report \*\*\*



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

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

