

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

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

NAME : Miss. TRISHA  
AGE/ GENDER : 12 YRS/FEMALE  
COLLECTED BY : SURJESH  
REFERRED BY :  
BARCODE NO. : 01521422  
CLIENT CODE. : KOS DIAGNOSTIC LAB  
CLIENT ADDRESS : 6349/1, NICHOLSON ROAD, AMBALA CANTT

PATIENT ID : 1681271  
REG. NO./LAB NO. : 012411250033  
REGISTRATION DATE : 25/Nov/2024 10:48 AM  
COLLECTION DATE : 25/Nov/2024 10:51AM  
REPORTING DATE : 25/Nov/2024 11:05AM

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

## HAEMATOTOLOGY COMPLETE BLOOD COUNT (CBC)

### RED BLOOD CELLS (RBCS) COUNT AND INDICES

HAEMOGLOBIN (HB) by CALORIMETRIC	11.6 <sup>L</sup>	gm/dL	12.0 - 16.0
RED BLOOD CELL (RBC) COUNT by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	4.92	Millions/cmm	3.50 - 5.50
PACKED CELL VOLUME (PCV) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	37	%	35.0 - 49.0
MEAN CORPUSCULAR VOLUME (MCV) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	75.2 <sup>L</sup>	fL	80.0 - 100.0
MEAN CORPUSCULAR HAEMOGLOBIN (MCH) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	23.3 <sup>L</sup>	pg	27.0 - 34.0
MEAN CORPUSCULAR HEMOGLOBIN CONC. (MCHC) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	31 <sup>L</sup>	g/dL	32.0 - 36.0
RED CELL DISTRIBUTION WIDTH (RDW-CV) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	14.7	%	11.00 - 16.00
RED CELL DISTRIBUTION WIDTH (RDW-SD) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	41.5	fL	35.0 - 56.0
MENTZERS INDEX by CALCULATED	15.28	RATIO	BETA THALASSEMIA TRAIT: < 13.0 IRON DEFICIENCY ANEMIA: >13.0
GREEN & KING INDEX by CALCULATED	22.2	RATIO	BETA THALASSEMIA TRAIT:<= 65.0 IRON DEFICIENCY ANEMIA: > 65.0

### WHITE BLOOD CELLS (WBCS)

TOTAL LEUCOCYTE COUNT (TLC) by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	13480 <sup>H</sup>	/cmm	4000 - 12000
NUCLEATED RED BLOOD CELLS (nRBCS) by AUTOMATED 6 PART HEMATOLOGY ANALYZER	NIL		0.00 - 20.00
NUCLEATED RED BLOOD CELLS (nRBCS) % by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	NIL	%	< 10 %



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>	: Miss. TRISHA	<b>PATIENT ID</b>	: 1681271
<b>AGE/ GENDER</b>	: 12 YRS/FEMALE	<b>REG. NO./LAB NO.</b>	: 012411250033
<b>COLLECTED BY</b>	: SURJESH	<b>REGISTRATION DATE</b>	: 25/Nov/2024 10:48 AM
<b>REFERRED BY</b>	:	<b>COLLECTION DATE</b>	: 25/Nov/2024 10:51AM
<b>BARCODE NO.</b>	: 01521422	<b>REPORTING DATE</b>	: 25/Nov/2024 11:05AM
<b>CLIENT CODE.</b>	: KOS DIAGNOSTIC LAB		
<b>CLIENT ADDRESS</b>	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		

Test Name	Value	Unit	Biological Reference interval
<b><u>DIFFERENTIAL LEUCOCYTE COUNT (DLC)</u></b>			
NEUTROPHILS <i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>	81 <sup>H</sup>	%	50 - 70
LYMPHOCYTES <i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>	12 <sup>L</sup>	%	20 - 45
EOSINOPHILS <i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>	1 <sup>L</sup>	%	1 - 6
MONOCYTES <i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>	6	%	3 - 12
BASOPHILS <i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>	0	%	0 - 1
<b><u>ABSOLUTE LEUKOCYTES (WBC) COUNT</u></b>			
ABSOLUTE NEUTROPHIL COUNT <i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>	10919 <sup>H</sup>	/cmm	2000 - 7500
ABSOLUTE LYMPHOCYTE COUNT <i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>	1618	/cmm	800 - 4900
ABSOLUTE EOSINOPHIL COUNT <i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>	135	/cmm	40 - 440
ABSOLUTE MONOCYTE COUNT <i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>	809	/cmm	80 - 880
ABSOLUTE BASOPHIL COUNT <i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>	0	/cmm	0 - 110
<b><u>PLATELETS AND OTHER PLATELET PREDICTIVE MARKERS.</u></b>			
PLATELET COUNT (PLT) <i>by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE</i>	123000 <sup>L</sup>	/cmm	150000 - 450000
PLATELETCRIT (PCT) <i>by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE</i>	0.2	%	0.10 - 0.36
MEAN PLATELET VOLUME (MPV) <i>by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE</i>	16 <sup>H</sup>	fL	6.50 - 12.0
PLATELET LARGE CELL COUNT (P-LCC) <i>by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE</i>	86000	/cmm	30000 - 90000
PLATELET LARGE CELL RATIO (P-LCR) <i>by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE</i>	70.7 <sup>H</sup>	%	11.0 - 45.0
PLATELET DISTRIBUTION WIDTH (PDW) <i>by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE</i>	15.9	%	15.0 - 17.0

NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD



*[Signature]*

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

*[Signature]*

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>	: Miss. TRISHA	<b>PATIENT ID</b>	: 1681271
<b>AGE/ GENDER</b>	: 12 YRS/FEMALE	<b>REG. NO./LAB NO.</b>	: 012411250033
<b>COLLECTED BY</b>	: SURJESH	<b>REGISTRATION DATE</b>	: 25/Nov/2024 10:48 AM
<b>REFERRED BY</b>	:	<b>COLLECTION DATE</b>	: 25/Nov/2024 10:51AM
<b>BARCODE NO.</b>	: 01521422	<b>REPORTING DATE</b>	: 25/Nov/2024 11:05AM
<b>CLIENT CODE.</b>	: KOS DIAGNOSTIC LAB		
<b>CLIENT ADDRESS</b>	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		

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

RECHECKED.



  
**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>	: Miss. TRISHA	<b>PATIENT ID</b>	: 1681271
<b>AGE/ GENDER</b>	: 12 YRS/FEMALE	<b>REG. NO./LAB NO.</b>	: 012411250033
<b>COLLECTED BY</b>	: SURJESH	<b>REGISTRATION DATE</b>	: 25/Nov/2024 10:48 AM
<b>REFERRED BY</b>	:	<b>COLLECTION DATE</b>	: 25/Nov/2024 10:51AM
<b>BARCODE NO.</b>	: 01521422	<b>REPORTING DATE</b>	: 25/Nov/2024 11:20AM
<b>CLIENT CODE.</b>	: KOS DIAGNOSTIC LAB		
<b>CLIENT ADDRESS</b>	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		


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


**PERIPHERAL BLOOD SMEAR FOR MALARIA**

PERIPHERAL BLOOD SMEAR  
 FOR MALARIAL PARASITE (MP)  
 by MICROSCOPY

NO MALARIA PARASITE (MP) SEEN IN SMEAR EXAMINED



  
**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>	: Miss. TRISHA	<b>PATIENT ID</b>	: 1681271
<b>AGE/ GENDER</b>	: 12 YRS/FEMALE	<b>REG. NO./LAB NO.</b>	: 012411250033
<b>COLLECTED BY</b>	: SURJESH	<b>REGISTRATION DATE</b>	: 25/Nov/2024 10:48 AM
<b>REFERRED BY</b>	:	<b>COLLECTION DATE</b>	: 25/Nov/2024 10:51AM
<b>BARCODE NO.</b>	: 01521422	<b>REPORTING DATE</b>	: 25/Nov/2024 11:20AM
<b>CLIENT CODE.</b>	: KOS DIAGNOSTIC LAB		
<b>CLIENT ADDRESS</b>	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		

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

### IMMUNOPATHOLOGY/SEROLOGY


#### DENGUE FEVER COMBO SCREENING - (NS1 ANTIGEN, IgG AND IgM)


DENGUE NS1 ANTIGEN - SCREENING by ICT (IMMUNOCHROMATOGRAPHY)	NEGATIVE (-ve)	NEGATIVE (-ve)
DENGUE ANTIBODY IgG - SCREENING by ICT (IMMUNOCHROMATOGRAPHY)	NEGATIVE (-ve)	NEGATIVE (-ve)
DENGUE ANTIBODY IgM - SCREENING by ICT (IMMUNOCHROMATOGRAPHY)	NEGATIVE (-ve)	NEGATIVE (-ve)

#### INTERPRETATION:-

- 1.This is a solid phase immunochromatographic ELISA test for the qualitative detection of the specific IgG and IgM antibodies against the Dengue virus.
- 2.The IgM antibodies take a minimum of 5-10 days in primary infection and 4-5 days in secondary infections to test positive and hence are suitable for the diagnosis of dengue fever only when the fever is approximately one week old.
- 3.The IgG antibodies develop at least two weeks after exposure to primary infection and subsequently remain positive for the rest of the life. A positive result is incapable of differentiating a current infection from a past infection.
- 4.The Dengue NS-1 antigen test is most suited for early diagnosis (within the first week of exposure).



  
 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>	: Miss. TRISHA	<b>PATIENT ID</b>	: 1681271
<b>AGE/ GENDER</b>	: 12 YRS/FEMALE	<b>REG. NO./LAB NO.</b>	: 012411250033
<b>COLLECTED BY</b>	: SURJESH	<b>REGISTRATION DATE</b>	: 25/Nov/2024 10:48 AM
<b>REFERRED BY</b>	:	<b>COLLECTION DATE</b>	: 25/Nov/2024 10:51AM
<b>BARCODE NO.</b>	: 01521422	<b>REPORTING DATE</b>	: 25/Nov/2024 11:35AM
<b>CLIENT CODE.</b>	: KOS DIAGNOSTIC LAB		
<b>CLIENT ADDRESS</b>	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		

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

## CLINICAL PATHOLOGY

### URINE ROUTINE & MICROSCOPIC EXAMINATION

#### PHYSICAL EXAMINATION

QUANTITY RECIEVED <small>by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY</small>	10	ml	
COLOUR <small>by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY</small>	AMBER YELLOW		PALE YELLOW
TRANSPARANCY <small>by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY</small>	CLEAR		CLEAR
SPECIFIC GRAVITY <small>by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY</small>	1.02		1.002 - 1.030


#### CHEMICAL EXAMINATION


REACTION <small>by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY</small>	ACIDIC		
PROTEIN <small>by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY</small>	Negative		NEGATIVE (-ve)
SUGAR <small>by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY</small>	Negative		NEGATIVE (-ve)
pH <small>by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY</small>	6.5		5.0 - 7.5
BILIRUBIN <small>by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY</small>	Negative		NEGATIVE (-ve)
NITRITE <small>by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY.</small>	Negative		NEGATIVE (-ve)
UROBILINOGEN <small>by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY</small>	Normal	EU/dL	0.2 - 1.0
KETONE BODIES <small>by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY</small>	Negative		NEGATIVE (-ve)
BLOOD <small>by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY</small>	Negative		NEGATIVE (-ve)
ASCORBIC ACID <small>by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY</small>	NEGATIVE (-ve)		NEGATIVE (-ve)

#### MICROSCOPIC EXAMINATION

RED BLOOD CELLS (RBCs)	NEGATIVE (-ve)	/HPF	0 - 3
------------------------	----------------	------	-------



  
**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>	: Miss. TRISHA	<b>PATIENT ID</b>	: 1681271
<b>AGE/ GENDER</b>	: 12 YRS/FEMALE	<b>REG. NO./LAB NO.</b>	: 012411250033
<b>COLLECTED BY</b>	: SURJESH	<b>REGISTRATION DATE</b>	: 25/Nov/2024 10:48 AM
<b>REFERRED BY</b>	:	<b>COLLECTION DATE</b>	: 25/Nov/2024 10:51AM
<b>BARCODE NO.</b>	: 01521422	<b>REPORTING DATE</b>	: 25/Nov/2024 11:35AM
<b>CLIENT CODE.</b>	: KOS DIAGNOSTIC LAB		
<b>CLIENT ADDRESS</b>	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		

Test Name	Value	Unit	Biological Reference interval
by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT			
PUS CELLS	1-2	/HPF	0 - 5
by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT			
EPITHELIAL CELLS	1-3	/HPF	ABSENT
by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT			
CRYSTALS	NEGATIVE (-ve)		NEGATIVE (-ve)
by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT			
CASTS	NEGATIVE (-ve)		NEGATIVE (-ve)
by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT			
BACTERIA	NEGATIVE (-ve)		NEGATIVE (-ve)
by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT			
OTHERS	NEGATIVE (-ve)		NEGATIVE (-ve)
by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT			
TRICHOMONAS VAGINALIS (PROTOZOA)	ABSENT		ABSENT
by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT			

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



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

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

