

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

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

<b>NAME</b>	: <b>Baby. KIRTIKA</b>	<b>PATIENT ID</b>	: 1667626
<b>AGE/ GENDER</b>	: 1 YRS/FEMALE	<b>REG. NO./LAB NO.</b>	: <b>012411100057</b>
<b>COLLECTED BY</b>	:	<b>REGISTRATION DATE</b>	: 10/Nov/2024 02:09 PM
<b>REFERRED BY</b>	:	<b>COLLECTION DATE</b>	: 10/Nov/2024 02:10PM
<b>BARCODE NO.</b>	: 01520507	<b>REPORTING DATE</b>	: 10/Nov/2024 02:54PM
<b>CLIENT CODE.</b>	: KOS DIAGNOSTIC LAB		
<b>CLIENT ADDRESS</b>	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		

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

**HAEMATOLOGY**  
**COMPLETE BLOOD COUNT (CBC)**

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

HAEMOGLOBIN (HB) <i>by CALORIMETRIC</i>	12.1	gm/dL	12.0 - 16.0
RED BLOOD CELL (RBC) COUNT <i>by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDEANCE</i>	4.79	Millions/cmm	3.50 - 5.50
PACKED CELL VOLUME (PCV) <i>by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER</i>	36.9	%	35.0 - 49.0
MEAN CORPUSCULAR VOLUME (MCV) <i>by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER</i>	<b>77.2<sup>L</sup></b>	fL	80.0 - 100.0
MEAN CORPUSCULAR HAEMOGLOBIN (MCH) <i>by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER</i>	<b>25.4<sup>L</sup></b>	pg	27.0 - 34.0
MEAN CORPUSCULAR HEMOGLOBIN CONC. (MCHC) <i>by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER</i>	32.8	g/dL	32.0 - 36.0
RED CELL DISTRIBUTION WIDTH (RDW-CV) <i>by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER</i>	14.8	%	11.00 - 16.00
RED CELL DISTRIBUTION WIDTH (RDW-SD) <i>by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER</i>	42.6	fL	35.0 - 56.0
MENTZERS INDEX <i>by CALCULATED</i>	16.12	RATIO	BETA THALASSEMIA TRAIT: < 13.0 IRON DEFICIENCY ANEMIA: >13.0
GREEN & KING INDEX <i>by CALCULATED</i>	23.98	RATIO	BETA THALASSEMIA TRAIT:<= 65.0 IRON DEFICIENCY ANEMIA: > 65.0

**WHITE BLOOD CELLS (WBCS)**

TOTAL LEUCOCYTE COUNT (TLC) <i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>	15010	/cmm	6000 - 18000
NUCLEATED RED BLOOD CELLS (nRBCS) <i>by AUTOMATED 6 PART HEMATOLOGY ANALYZER</i>	NIL		0.00 - 20.00
NUCLEATED RED BLOOD CELLS (nRBCS) % <i>by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER</i>	NIL	%	< 10 %



*Dr. Vinay Chopra*

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

*Dr. Yugam Chopra*

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



TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.

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

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

<b>NAME</b>	: <b>Baby. KIRTIKA</b>	<b>PATIENT ID</b>	: 1667626
<b>AGE/ GENDER</b>	: 1 YRS/FEMALE	<b>REG. NO./LAB NO.</b>	: <b>012411100057</b>
<b>COLLECTED BY</b>	:	<b>REGISTRATION DATE</b>	: 10/Nov/2024 02:09 PM
<b>REFERRED BY</b>	:	<b>COLLECTION DATE</b>	: 10/Nov/2024 02:10PM
<b>BARCODE NO.</b>	: 01520507	<b>REPORTING DATE</b>	: 10/Nov/2024 02:54PM
<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>	<b>34<sup>L</sup></b>	%	50 - 70
LYMPHOCYTES <i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>	60	%	20 - 60
EOSINOPHILS <i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>	2	%	1 - 6
MONOCYTES <i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>	4	%	3 - 13
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>	5103	/cmm	2000 - 7500
ABSOLUTE LYMPHOCYTE COUNT <i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>	<b>9006<sup>H</sup></b>	/cmm	800 - 4900
ABSOLUTE EOSINOPHIL COUNT <i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>	<b>300<sup>H</sup></b>	/cmm	40 - 440
ABSOLUTE MONOCYTE COUNT <i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>	600	/cmm	80 - 880
ABSOLUTE BASOPHIL COUNT <i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>	0	/cmm	0 - 110
ABSOLUTE IMMATURE GRANULOCYTE COUNT <i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>	0	/cmm	0.0 - 999.0
<b><u>PLATELETS AND OTHER PLATELET PREDICTIVE MARKERS.</u></b>			
PLATELET COUNT (PLT) <i>by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE</i>	326000	/cmm	150000 - 450000
PLATELETCRIT (PCT) <i>by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE</i>	0.33	%	0.10 - 0.36
MEAN PLATELET VOLUME (MPV) <i>by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE</i>	10	fL	6.50 - 12.0
PLATELET LARGE CELL COUNT (P-LCC) <i>by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE</i>	85000	/cmm	30000 - 90000
PLATELET LARGE CELL RATIO (P-LCR) <i>by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE</i>	26	%	11.0 - 45.0
PLATELET DISTRIBUTION WIDTH (PDW) <i>by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE</i>	15.8	%	15.0 - 17.0



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>	: <b>Baby. KIRTIKA</b>	<b>PATIENT ID</b>	: 1667626
<b>AGE/ GENDER</b>	: 1 YRS/FEMALE	<b>REG. NO./LAB NO.</b>	: <b>012411100057</b>
<b>COLLECTED BY</b>	:	<b>REGISTRATION DATE</b>	: 10/Nov/2024 02:09 PM
<b>REFERRED BY</b>	:	<b>COLLECTION DATE</b>	: 10/Nov/2024 02:10PM
<b>BARCODE NO.</b>	: 01520507	<b>REPORTING DATE</b>	: 10/Nov/2024 02:54PM
<b>CLIENT CODE.</b>	: KOS DIAGNOSTIC LAB		
<b>CLIENT ADDRESS</b>	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		

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

NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD



  
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>	: <b>Baby. KIRTIKA</b>	<b>PATIENT ID</b>	: 1667626
<b>AGE/ GENDER</b>	: 1 YRS/FEMALE	<b>REG. NO./LAB NO.</b>	: <b>012411100057</b>
<b>COLLECTED BY</b>	:	<b>REGISTRATION DATE</b>	: 10/Nov/2024 02:09 PM
<b>REFERRED BY</b>	:	<b>COLLECTION DATE</b>	: 10/Nov/2024 02:10PM
<b>BARCODE NO.</b>	: 01520507	<b>REPORTING DATE</b>	: 10/Nov/2024 03:03PM
<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 RECEIVED	10	ml	
<i>by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY</i>			
COLOUR	AMBER YELLOW		PALE YELLOW
<i>by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY</i>			
TRANSPARANCY	CLEAR		CLEAR
<i>by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY</i>			
SPECIFIC GRAVITY	1.01		1.002 - 1.030
<i>by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY</i>			

**CHEMICAL EXAMINATION**

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

**MICROSCOPIC EXAMINATION**

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



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

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



TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.


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


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

<b>NAME</b>	: <b>Baby. KIRTIKA</b>	<b>PATIENT ID</b>	: 1667626
<b>AGE/ GENDER</b>	: 1 YRS/FEMALE	<b>REG. NO./LAB NO.</b>	: <b>012411100057</b>
<b>COLLECTED BY</b>	:	<b>REGISTRATION DATE</b>	: 10/Nov/2024 02:09 PM
<b>REFERRED BY</b>	:	<b>COLLECTION DATE</b>	: 10/Nov/2024 02:10PM
<b>BARCODE NO.</b>	: 01520507	<b>REPORTING DATE</b>	: 10/Nov/2024 03:03PM
<b>CLIENT CODE.</b>	: KOS DIAGNOSTIC LAB		
<b>CLIENT ADDRESS</b>	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		

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



  
**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>	: <b>Baby. KIRTIKA</b>	<b>PATIENT ID</b>	: 1667626
<b>AGE/ GENDER</b>	: 1 YRS/FEMALE	<b>REG. NO./LAB NO.</b>	: <b>012411100057</b>
<b>COLLECTED BY</b>	:	<b>REGISTRATION DATE</b>	: 10/Nov/2024 02:09 PM
<b>REFERRED BY</b>	:	<b>COLLECTION DATE</b>	: 10/Nov/2024 02:10PM
<b>BARCODE NO.</b>	: 01520507	<b>REPORTING DATE</b>	: 12/Nov/2024 05:11PM
<b>CLIENT CODE.</b>	: KOS DIAGNOSTIC LAB		
<b>CLIENT ADDRESS</b>	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		

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

**MICROBIOLOGY**

**CULTURE AEROBIC BACTERIA AND ANTIBIOTIC SENSITIVITY: URINE**

**CULTURE AND SUSCEPTIBILITY: URINE**

DATE OF SAMPLE	10-11-2024
SPECIMEN SOURCE	URINE
INCUBATION PERIOD	48 HOURS
<i>by AUTOMATED BROTH CULTURE</i>	
CULTURE	STERILE
<i>by AUTOMATED BROTH CULTURE</i>	
ORGANISM	NO AEROBIC PYOGENIC ORGANISM GROWN AFTER 48 HOURS OF INCUBATION AT 37°C
<i>by AUTOMATED BROTH CULTURE</i>	

**AEROBIC SUSCEPTIBILITY: URINE**

**INTERPRETATION:**

1. In urine culture and sensitivity, presence of more than 100,000 organism per mL in midstream sample of urine is considered clinically significant. However in symptomatic patients , a smaller number of bacteria (100 to 10000/mL) may signify infection.
2. Colony count of 100 to 10000/ mL indicate infection, if isolate from specimen obtained by suprapubic aspiration or "in-and-out" catheterization or from patients with indwelling catheters.

**SUSCEPTIBILITY:**

1. A test interpreted as **SENSITIVE** implies that infection due to isolate may be appropriately treated with the dosage of an antimicrobial agent recommended for that type of infection and infecting species, unless otherwise indicated..
2. A test interpreted as **INTERMEDIATE** implies that the "infection due to the isolate may be appropriately treated in body sites where the drugs are physiologically concentrated or when a high dosage of drug can be used".
3. A test interpreted as **RESISTANT** implies that the "isolates are not inhibited by the usually achievable concentration of the agents with normal dosage, schedule and/or fall in the range where specific microbial resistance mechanism are likely (e.g. beta-lactamases), and clinical efficacy has not been reliable in treatment studies.

**CAUTION:**

Conditions which can cause a false Negative culture:

1. Patient is on antibiotics. Please repeat culture post therapy.
2. Anaerobic bacterial infection.
3. Fastidious aerobic bacteria which are not able to grow on routine culture media.
4. Besides all these factors, at least in 25-40 % of cases there is no direct correlation between in vivo clinical picture.
5. Renal tuberculosis to be confirmed by AFB studies.

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



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

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



TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.