



KASTURBA MEDICAL COLLEGE

MANGALORE

(A constituent unit of MAHE, Manipal)



MC-5635

KMC Laboratory Services

Name : MR RHONAK Age : 22 Yr(s) Sex : Male
Registration No : MH010868607 Lab No : 82230704706BIO
Patient Episode : I07000079904 Collection Date : 21 Jul 2023 08:41
Referred By : DR SUSHANTH KUMAR B Reporting Date : 21 Jul 2023 09:08
Receiving Date : 21 Jul 2023 09:02 Ward / Bed : WARD 8TH FLOOR B
KMC/8B

TEST	BIOCHEMISTRY		BIOLOGICAL REFERENCE INTERVAL
	RESULT	UNIT	
* VENOUS BLOOD GAS PROFILE			
Blood Gas Values			
pH	7.103 #		[7.330-7.430]
pCO2	26.7 #	mmHg	[38.0-50.0]
PO2	38.3	mmHg	[30.0-50.0]
Oximetry Values			
ctHb	12.1	g/dL	
O2 Sat	64.4	%	[60.0-85.0]
Calculated Values			
cBase(B) c	-20.6 #	mmol/L	[-2.0-2.0]
cBase(Ecf) c	-19.8	mmol/L	
cHCO3- (P) c	8.0 #	mmol/L	[22.0-26.0]
cHCO3- (P, st) c	9.3	mmol/L	
ctO2e	10.9 #	mmol/L	[24.0-28.0]

Vinod

Dr. Vinod Chandran M.D.
Consultant Biochemist

Authorized By : Jyothsna Lysha Sequeira

Printed By : Keerthan
Printed On : 26 Jul 2023 09:08

-----END OF REPORT-----



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KMC Laboratory Services

Name : MR RHONAK Age : 22 Yr(s) Sex : Male
Registration No : MH010868607 Lab No : 83230713791HAE
Patient Episode : I07000079904 Collection Date : 21 Jul 2023 19:09
Referred By : DR SUSHANTH KUMAR B Reporting Date : 21 Jul 2023 20:43
Receiving Date : 21 Jul 2023 19:39 Ward / Bed : WARD 8TH FLOOR B
KMC/8B

HAEMATOLOGY

TEST RESULT UNIT BIOLOGICAL REFERENCE INTERVAL

PROTHROMBIN TIME (Automated/Clotting Assay)

Primary Sample : Citrated blood

Prothrombin Time Test 14.7 # sec [10.5-14.5]
Prothrombin Time Control 12.3 secs
INR 1.20
Method : Optical-Clotting Method

ACTIVATED PARTIAL THROMBOPLASTIN TIME

Primary Sample : Citrated blood

APTT Test 58.9 # sec [21.2-34.3]
APTT Control 27.8 sec
Method : Optical-Clotting Method

Dr. Sridevi HB
Consultant Pathologist

Authorized By : Mokshitha

Printed By : Keerthan
Printed On : 26 Jul 2023 09:08

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MC 5635

KMC Laboratory Services

Name	: MR RHONAK	Age	: 22 Yr(s) Sex :Male
Registration No	: MH010868607	Lab No	: 85230703265MIC
Patient Episode	: I07000079904	Collection Date	: 22 Jul 2023 20:09
Referred By	: DR SUSHANTH KUMAR B	Reporting Date	: 23 Jul 2023 06:05
Receiving Date	: 22 Jul 2023 20:41	Ward / Bed	: WARD 8TH FLOOR B KMC/8B

MICROBIOLOGY

RPR(Rapid Plasma Reagin)TEST

MICRO LAB NO:	1278
Specimen	Serum
RPR Qualitative	Non-reactive
RPR Quantitative	Non-reactive
Test Method	Slide flocculation

RPR(Rapid Plasma Reagin). TEST:

Non-Treponemal test for the serological diagnosis of syphilis. It is a screening test with specificity, reactivity and sensitivity similar to classical VDRL test. To rule out false positive or false negative results final diagnosis to be reached after correlation of the results with clinical condition and results of treponemal test.

Cytomegalovirus (CMV) -IgM

MICRO LAB NO:	246
Test Value	0.08


Reference:

i < 0.70 : Negative
0.70 ≤ i < 0.90 : Equivocal
i ≥ 0.90 : Positive

Test Result	Negative
Test Method	Qualitative ELFA
Reported By	Dr SEVITHA BHAT

CMV IgM :

Test detects IgM antibodies to Cytomegalovirus in human serum. The test result must be interpreted taking into consideration the patient history and clinical presentation. False positive (low positive or equivocal) results may occur in infectious mononucleosis.


Dr. Sevitha Bhat
MBBS, MD Clinical Microbiologist
(Authorised-Signatory)

Authorized By : Nikshitha N

Printed By : Keerthan
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KMC Laboratory Services



ML-5635

Name	: MR RHONAK	Age	: 22 Yr(s) Sex :Male
Registration No	: MH010868607	Lab No	: 88230703530CL1
Patient Episode	: 107000079904	Collection Date	: 22 Jul 2023 15:14
Referred By	: DR SUSHANTH KUMAR B	Reporting Date	: 22 Jul 2023 17:34
Receiving Date	: 22 Jul 2023 15:57	Ward / Bed	: WARD 8TH FLOOR B KMC/8B

CLINICAL PATHOLOGY

INVESTIGATION	Urine Complete Analysis (Automated)	
Specimen	RESULT ENTRY	UNITS
MACROSCOPIC DESCRIPTION	Urine	REF RANGE
Urine Colour	Pale Yellow	Yellow (Straw to Amber)
Method: Visual		
Urine Specific Gravity	1.015	1.003-1.035
Method: Ionic Concentration (Strip Method)		
Urine Reaction (PH)	6	4.6-8.0
Method: Double indicator principle (Strip Method)		
CHEMICAL EXAMINATION		
Urine Glucose	Present ++	Negative
Method: Benedict's test (manual) Glucose oxidase strip method		
Urine Ketones	Negative	Negative
Method: Rothera's test (manual), Nitro prusside reaction Strip method		
Urine Protein	Present 3+	Negative
Method: Sulphosalicylic method (manual), Bromophenol strip method protein error indicators principle		
Urine Blood	Present ++	Negative
Method: Peroxidase like activity of hemoglobin (Strip method)		
Urine Urobilinogen	Normal	<1 Ehrlich unit/dl
Method: Ehrlich reaction (Strip method)		
Urine Bilirubin	Negative	Negative
Urine Nitrite	Negative	Negative
Urine Leukocyte	Negative	Negative
MICROSCOPIC DESCRIPTION		



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KMC Laboratory Services

Name	: MR RHONAK	Age	: 22 Yr(s) Sex :Male
Registration No	: MH010868607	Lab No	: 8C230720049BIO
Patient Episode	: 107000079904	Collection Date	: 21 Jul 2023 08:42
Referred By	: DR SUSHANTH KUMAR B	Reporting Date	: 21 Jul 2023 10:18
Receiving Date	: 21 Jul 2023 09:08	Ward / Bed	: WARD 8TH FLOOR B KMC/8B

BIOCHEMISTRY			
TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
RP1 (FASTING)			
FASTING GLUCOSE (PLASMA) Method: Hexokinase	79.0	mg/dl	[70.0-100.0]
UREA (SERUM) Method: Urease-GLDH	247.0 #	mg/dl	[16.6-48.0]
BLOOD UREA NITROGEN (SERUM) Method: Urease-GLDH	115.35 #	mg/dl	[4.70-23.40]
SERUM CREATININE Method: Jaffe-Colorimetric	23.60 #	mg/dl	[0.60-1.30]
ELECTROLYTES			
SERUM SODIUM Method: ISE Indirect	117.0 #	mmol/L	[136.0-149.0]
SERUM POTASSIUM Method: ISE Indirect	4.48	mmol/L	[3.50-5.30]
SERUM CHLORIDE Method: ISE Indirect	81.0 #	mmol/L	[98.0-111.0]
SERUM BICARBONATE Method: PEPC Enzymatic	7.0 #	mmol/L	[23.0-27.0]


Dr. Vinod Chandran M.D.
Consultant Biochemist

Authorized By :

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M. 5635

KMC Laboratory Services

Name	: MR RHONAK	Age	: 22 Yr(s) Sex :Male
Registration No	: MH010868607	Lab No	: 8C230720789BIO
Patient Episode	: I07000079904	Collection Date	: 21 Jul 2023 19:10
Referred By	: DR SUSHANTH KUMAR B	Reporting Date	: 21 Jul 2023 20:45
Receiving Date	: 21 Jul 2023 19:38	Ward / Bed	: WARD 8TH FLOOR B KMC/8B

TEST	BIOCHEMISTRY		BIOLOGICAL REFERENCE INTERVAL
	RESULT	UNIT	
SERUM CALCIUM(Serum) Method: NM-BAPTA	4.5 #	mg/dl	[7.6-11.0]
SERUM PHOSPHORUS Method: Ammonium Phosphomolybdate,UV	13.1 #	mg/dl	[2.4-4.4]
SERUM ALBUMIN(Serum) Method: BCG-dye	3.60	g/dl	[3.50-5.20]

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ML-5635

KMC Laboratory Services

Name	: MR RHONAK	Age	: 22 Yr(s) Sex :Male
Registration No	: MH010868607	Lab No	: 8C230722437BIO
Patient Episode	: 107000079904	Collection Date	: 23 Jul 2023 17:59
Referred By	: DR SUSHANTH KUMAR B	Reporting Date	: 23 Jul 2023 19:51
Receiving Date	: 23 Jul 2023 18:47	Ward / Bed	: WARD 8TH FLOOR B KMC/8B

TEST	BIOCHEMISTRY RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
SERUM CALCIUM(Serum) Method: NM-BAPTA	5.3 #	mg/dl	[7.6-11.0]

Vinod

Dr. Vinod Chandran M.D.
Consultant Biochemist

Authorized By :

Printed By : Keerthan
Printed On : 26 Jul 2023 09:08

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DEPARTMENT OF RADIODIAGNOSIS & IMAGING

Name & Hosp No:	RHONAK	66911/MH010868607
Age(Yrs) & Sex:	22 YEARS	MALE
Date & Part Scanned	26-07-2023	BRAIN
Ref By & Indication:	DR. SUSHANTH KUMAR	

MRI STUDY OF BRAIN –PLAIN STUDY

(Axial, Sagittal, Coronal Sequences of 1.5 T)

- Gyral T2/FLAIR hyperintensities with no diffusion restriction involving the bilateral occipital lobes , bilateral posterior temporal lobes and bilateral high parietal lobes.
- T2/FLAIR hyperintensities with no diffusion restriction involving bilateral lentiform nucleus , bilateral corona radiata and right caudate nucleus
- Bilateral cerebral and cerebellar hemispheres show no other areas of altered signal intensity.
- **No areas of diffusion restriction.**
- Bilateral basal ganglia, thalami and internal capsule appear normal.
- Bilateral lateral and 3rd ventricles are normal.
- 4th ventricle appears normal. Corpus callosum appears normal.
- Optic nerve, chiasm, Pituitary, infundibulum and hypothalamic regions are normal.
- Sylvian fissures, basal cisterns and cortical sulci appear normal.
- Bilateral CP angle cisterns appear normal. Brain stem appears normal.
- Visualised cranial nerves appear normal.
- Internal auditory canals appear normal.
- Orbits appear normal.
- Extra ocular muscles are normal.

TOF MRA - Unremarkable

TOF MRV – Hypoplastic left transverse , left sigmoid sinus and left jugular vein

IMPRESSION:

- Gyral T2/FLAIR hyperintensities with no diffusion restriction involving the bilateral occipital lobes , bilateral posterior temporal lobes and bilateral high parietal lobes.
- T2/FLAIR hyperintensities with no diffusion restriction involving bilateral lentiform nucleus , bilateral corona radiata and right caudate nucleus.

To consider the possibility of posterior reversible encephalopathy syndrome (PRES).
Suggested clinical correlation.

Mekala Krishna

DR. MEKALA KRISHNA
CONSULTANT RADIOLOGIST





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DEPARTMENT OF RADIODIAGNOSIS & IMAGING

NAME & HOSPITAL NO	MR. RHONAK	OP/10868607
AGE & SEX	22YRS	MALE
DATE & AREA OF INTEREST	21/07/2023	ABDOMEN & PELVIS
REF BY & INDICATION	DR. SUSHANTH KUMAR B	

USG ABDOMEN AND PELVIS

LIVER: Normal in size and echotexture. No e/o SOL
No evidence of IHBR dilatation. Portal vein appears normal.
CBD appears normal. No e/o calculus.

GALL BLADDER: Distended. Wall appears normal. No e/o calculi.

SPLEEN: Normal in size and echotexture. No evidence of SOL / calcification.

PANCREAS: Normal in size and echotexture. Pancreatic duct appears normal.
No evidence of calculus / calcifications.

RETROPERITONEUM: No evidence of retroperitoneal lymphadenopathy

BILATERAL KIDNEYS:

RIGHT KIDNEY: Measures 7x3.3cms with raised cortical echotexture and loss of CMD.
No evidence of hydronephrosis. No e/o calculi.
E/o cyst measuring 2.1x1.9cms in the upper pole.

LEFT KIDNEY : Measures 7.5x3.8cms with raised cortical echotexture and loss of CMD.
No evidence of hydronephrosis. No e/o calculi.

URETERS: Bilateral ureters are not dilated.

URINARY BLADDER: Distended. **Mild wall thickening with internal echoes noted.**

PROSTATE: Normal in size and echotexture.
No evidence of ascites.

IMPRESSION:

- Bilateral medical renal disease. No obstructive uropathy.
- Chronic cystitis.

DR. PAREEKSHITH
CONSULTANT RADIOLOGIST



