



# পপুলার ডায়াগনস্টিক সেন্টার লিঃ POPULAR DIAGNOSTIC CENTRE LTD.

Head Office : House # 16, Road # 2, Dhanmondi R/A, Dhaka-1205  
HOTLINE : 09613 787801, 09666787801, E-mail : info@populardiagnostic.com, Web : www.populardiagnostic.com

## MOLECULAR DIAGNOSTIC LABORATORY

MRD No. :	11221497	RIS No. :	2199846
Patient Name :	Ms. Nirupoma Sutradhar	Age/Gender :	15 Y/F
Referred By :	PROF. DR. SYED WAHIDUR RAHMAN. MBBS, FCPS (Med)	Bed No/Ward :	OPD
Bill Date :	24/07/2022 4:16PM	Scan Date :	26/07/2022
Report Date :	27/07/2022 4:39PM	Report Status :	Final

### HLA-B27 Genotyping

HLA-B27 Genotype test has been done with Light Cycler 480 of Roche Applied Science

HLA-B27 Genotypes	PHENOTYPE
HLA-B27 allele not detected (Negative)	NA

HLA-B27 test has done with the LightMix® Kit from TIB Molbiol, Germany. Genomic DNA was extracted from human peripheral blood using High Pure PCR Template Preparation kit from Roche. TIB Molbiol kit allows to detect the most prevalent HLA-B27 alleles (see below) from genomic human DNA extracted from peripheral blood.

The primers used in this kit are similar to those published by Tiemann et al.,<sup>1</sup> and are expected to share to miss the following HLA B27 alleles: B\*27:04:03, B\*27:07:01, B\*27:07:02, B\*27:07:03, B\*27:07:04, B\*27:102, B\*27:11, B\*27:125, B\*27:14, B\*27:19, B\*27:20, B\*27:21, B\*27:24, B\*27:30, B\*27:32, B\*27:33, B\*27:34, B\*27:36, B\*27:43, B\*27:70, B\*27:81, B\*27:90:01, B\*27:90:02.

LightMix® Kits are produced under license from Roche.

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

Note: Using PCR methodology, a fragment of HLA-B27 gene is amplified with specific primers. A second fragment from the beta globin gene is amplified as internal control. Both fragments are detected with a specific detection probe internally labeled with SimpleProbe® 519 reagent. SimpleProbes® are fluorescent only when bound to complementary DNA.

Analytical Sensitivity: The limit of detection of the LightMix HLA-B27 kit is 350 copies (2 ng).

Diagnostic Specificity and Sensitivity : 20 genomic DNA samples from Caucasian individuals were analyzed with this kit and a published SYBR Green based assay<sup>2</sup>. Results for both analytical methods were in 100% concordance.

#### References

- 1) Tiemann C. et al., Rapid DNA Typing of HLA-B27 Allele by Real-Time-PCR Using LightCycler technology Clin.Lab. 47 (2001) 131-134
- 2) Bon, M., van Oeveren-Dybciz, A. and van den Berg, F. Genotyping of HLA-B27 by Real-Time PCR without Hybridization Probes; Clinical Chemistry 46: 1000-1002, 2000

**Dr. M Sohrab Alam MSc PhD**  
(Biochemistry & Molecular Biology)  
Consultant & Head



# কেন্দ্রীয় পুলিশ হাসপাতাল

## CENTRAL POLICE HOSPITAL



### RADIOLOGY AND IMAGING

Patient's Name: Nipun	Age: 14 Years	Sex: F
SL.No: 214	Date: 25/07/2022	
Advice: MRI of Lumbar spine	Mob:	
Refd. by :	Dist:	

### MRI OF LUMBAR SPINE

Technique: MRI of lumbo-sacral spine with different plane (axial and sagittal and coronal) and different sequences (T1W and T2WI) with MR mylogran.

#### Findings:

##### Alignment :

- Lumbar lordotic curvature is straightened.

##### Bones:

- No bony lesion is noted.

##### Intervertebral disc:

- Disc are normal in size and thickness.

##### At L5/S1 level :

- Central disc bulging causes thecal sac indentation.

#### IMPRESSION:

- At L5/S1 level :Central disc bulging causes thecal sac indentation.

*31.8.22*  
Dr. Mst. Sabina Yesmin  
MBBS, M. Phil ( Radiology & Imaging  
- BIRDEM )  
Special training in TVS, Colour  
Doppler, MSK system CT Scan  
Training at Main Apollo Hospital  
Chennai ( Madras), Tamilnadu, India  
Jr. Consultant, Central police Hospital  
Rajarbag, Dhaka  
BMDC Reg. No 27311

*31.08.22*  
Radiologist Dr. Stranjit Saha  
MBBS, M.Phil ( Radiologist & Imaging - BSMMU  
)  
Sub-specialty in Fetal Echo at Main Apollo  
Hospital Chennai ( Madras ), Tamilnadu, India  
Chief Consultant & Head of Radiology & Imaging  
Dept  
Central police Hospital Rajarbag, Dhaka  
BMDC Reg. No # A31911





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## ECHOCARDIOGRAPHY REPORT

MRD No. :	11221497	RIS No. :	2199870
Patient Name :	Ms. Nirupoma Sutradhar	Age/Gender :	15 Y/F
Referred By :	PROF. DR. SYED WAHIDUR RAHMAN. MBBS, FCPS (Med)	Bed No/Ward :	OPD
Bill Date :	24/07/2022 4:28PM	Scan Date :	24/07/2022
Report Date :	24/07/2022 4:56PM	Report Status :	Final

### Echo Colour Doppler

AO	26 mm	LVIDd	44 mm	TAPSE	mm
LA	30 mm	IVSs	12 mm	MV annulus	
ACS	19 mm	LVIDs	27 mm	AV annulus	
IVSd	08 mm	FS	37 %		
PWDd	08 mm	LVEF	67 %		

#### Doppler Study:

	PPG				
MV:	3.6 mmHg	PASP:	20 mmHg	PHT :	56 ms
AV:	6.2 mmHg			MVA	4.0 cm <sup>2</sup>
TV:	10.1 mmHg			E/A:	1.3
PV:	4.5 mmHg			E/E':	4.7

\*\*\* Tachycardia was noted during procedure.

LA : Normal.

LV : Normal in dimension and wall motion.

RA : Normal.

RV : Normal.

IAS : Intact.

IVS : Intact.

MV : Normal.

AV : Normal.

TV : Normal.

PV : Normal.

Intracardiac mass or thrombus or vegetation: Absent.

Pericardium: Normal.

#### Comment:

1. Normal 2D, M-mode and Color Doppler echo study.
2. Good LV systolic function (LVEF - 67 %).

Prepared by : sultans.

#### **Dr. Syed Mohammad Ali Romel**

MBBS, MCPS (Med.), FCPS (Med.), MD (Cardiology)

Medicine Specialist,

Clinical and Interventional Cardiologist.

Assistant Professor,

Kurmitola General hospital, Dhaka.



# কেন্দ্রীয় পুলিশ হাসপাতাল

## CENTRAL POLICE HOSPITAL



### Dept. of Lab Medicine(Pathology)

\* R220700075732\*

VN :L012207293086

HN :R220700075732

\* L012207293086\*

VN : L012207293086

CPHID : R220700075732

Age : 14Y 7M 28D

Gender : Female

Name : Nipurna Sutrdhr {Hnipu }H

Ref by : Dr. Syeda Samina Mahjabin

Specimen : Blood

Voucher Date : 24/07/2022 10:29:47

Finalized Date : 24/07/2022 17:19

Investigation : S.Uric Acid, CRP

### BIOCHEMISTRY PROFILE

Estimations are carried out by (Demention EXL-200M2) Series of Analyzer

Parameter	Result	Unit	Referance Range
S. Uric Acid	4.4	mg/dl	M: 3.4 - 7.1, F: 2.4 - 6.6 mg/dl
CRP	1.25	mg/L	< 3.0 mg /L

**Dr. Sabrina Anwar**

MBBS(D.U), DLM(BSMMU),CCD (BIRDEM)

Junior Consultant

Dept. of Laboratory Medicine (Pathology)

Central Police Hospital,Dhaka

Print By : jahan



# কেন্দ্রীয় পুলিশ হাসপাতাল

## CENTRAL POLICE HOSPITAL



Dept. of Lab Medicine(Pathology) CLINICAL PATHOLOGY

R220700075732\*

VN :L012207293086

HN :R220700075732

\* L012207293086\*

VN : L012207293086

CPHID : R220700075732

Age : 14Y 7M 28D

Gender : Female

Name : Nipurna Sutrdhr {Hnipu }H

Ref by : Dr. Syeda Samina Mahjabin

Specimen : Blood

Voucher Date : 24/07/2022 10:29:47

Finalized Date : 24/07/2022 14:10

Investigation : 25- OH-Vitamin-D

### IMMUNOLOGY PROFILE

Estimations are carried out by (ATELLICA\_SOLUTION) Series of Analyzer

Parameter	Result	Unit	Referance Range
25- OH-Vitamin-D	17.55	ng/ml	Deficiency: <20ng/ml Insufficiency: 20 - <30 ng/ml Sufficiency: 30 - 100 ng/ml

DUPLICATE

**Dr. Tamanna Sharif**  
MBBS, DCP (BSMMU)  
Junior Consultant  
Central Police Hospital, Dhaka.

Print By : jahan