



BIOMEDIC DIAGNOSTIC CENTER LABORATORY REPORT

No.55, St.566, Boeung Kok I, Toul Kork
Tel 010 378 077 / 012 378 077

biomeddc@gmail.com www.biomediccambodia.com



Patient ID : H 0 7 0 8 0 0 3 8
Request Date : 08-07-2025 07:30:52 IN
Reported Date : 08-07-2025 14:00:45

Patient Name : YI SOPHAT

DOB : 08.06.1955

Age : 70Y

Sex : Female

Tel : 012203403

Order owner :

Dr :

Tel :

Test	Result	Unit	Flag	Reference Range
HEMATOLOGY				
CELL BLOOD COUNT				
White Blood Cells	6.800	/mm ³	N (	4 - 10)
Red Blood Cells	4.070.000	/mm ³	N (	3.80 - 5.30)
Haemoglobin (Hb)	11.5	g/dL	L (	12.0 - 16.0)
Hematocrit (Hct)	34.9	%	L (	38.0 - 47.0)
M.C.V	85.7	fL	N (	85.0 - 95.0)
M.C.H	28.3	pg	N (	27.0 - 33.0)
M.C.H.C	33.0	g/dL	N (	32.0 - 36.0)
Platelets	228.000	/mm ³	N (	150 - 400)
DIFFERENTIAL COUNT				
Neutrophils	41	%	L (	45 - 70)
Eosinophils	02	%	N (	<= 3)
Basophils	00	%	N (	<= 1)
Lymphocytes	50	%	H (	20 - 40)
Monocytes	07	%	N (	2 - 7)
RDW-SD	38.1	fL	N (	35.0 - 56.0)
RDW-CV	12.0	%	N (	11.0 - 16.0)
PDW	12.9	fL	N (	9.0 - 17.0)
MPV	11.0	fL	N (	6.5 - 12.0)
P-LCR	33.1	%	N (	17.5 - 42.3)
PCT	0.25	%	N (	0.108 - 0.282)
BIOCHEMISTRY				
URIC ACID	5.2	mg/dL	N (	2.4 - 5.7)
CALCIUM	9.4	mg/dL	N (	8.1 - 10.4)



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TUMOR MARKERS

CA 125	5.72	U/mL	N (	< 35)
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DIABETES MELLITUS PROFILE

FASTING BLOOD SUGAR (FBS)	81	mg/dL	N (	75 - 110)
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Glycosylated Haemoglobin (Hb A1C)	36	mmol/mol	N (	26 - 46)
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Glycosylated Haemoglobin (Hb A1C)	5.4	%	N (	4.5 - 6.4)
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(Immuno-Enzymology Technique)

Glycemic Control Status HbA1c (%)

Non Diabetic (Ideal)	4.5 - 6.4
Optimal	6.5 - 7.0
Suboptimal	7.1 - 8.0
Unacceptable	8.1 - 15.0

LIPID PROFILE

TOTAL CHOLESTEROL	236	mg/dL	H (	< 200)
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HDL CHOLESTEROL	77	mg/dL	N (	> 40)
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LDL CHOLESTEROL	151	mg/dL	H (	< 150)
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TRIGLYCERIDES	93	mg/dL	N (	< 200)
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LIVER FUNCTION TEST

TOTAL PROTEIN	8.1	g/dL	N (	6.6 - 8.8)
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GAMMA -G.T	16	UI/L	N (	5 - 40)
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TRANSAMINASES SGOT (ASAT)	25	UI/L	N (	< 31)
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TRANSAMINASES SGPT (ALAT)	17	UI/L	N (	< 31)
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ALKALINE PHOSPHATASE (ALP)	89	UI/L	N (	35 - 105)
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Age Reference Range

From 14 d to <1 year	134 - 518
From 1 to 9 years	156 - 369
From 10 to 12 Years	141 - 460
Adultes Male	40 - 130
Adultes Female	35 - 105

ALBUMIN	4.5	g/dL	N (	3.8 - 5.4)
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Age: 70Y

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Test	Result	Unit	Flag	Reference Range
KIDNEY FUNCTION TEST				
CREATININE	1.0	mg/dL	N (	0.6 - 1.1)
UREA (BUN)	31	mg/dL	N (	13 - 45)
SODIUM (Na +)	140	mmol/L	N (	135 - 145)
POTASSIUM (K +)	4.5	mmol/L	N (	3.5 - 5)
CHLORIDE (Cl-)	101	mmol/L	N (	98 - 107)
THYROID FUNCTION TEST				
TSH (Thyroid-Stimulating Hormone)	2.25	μUI/mL	N (	0.47 - 4.64)



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Patient ID : H07080039
Request Date : 08-07-2025
Report Date : 08-07-2025

Patient Name: **YI SOPHAT**

DOB: 08.06.1955 Age: 70 Y

Sex: F

Tel: 012203403

Order Owner:

Dr.

Tel:

Type of Sample Blood (Serum)
Test request **Quantitative PCR for HCV-RNA**
Date of receiving the sample 08-07-2025
Date of carrying out the test 08-07-2025
Investigator Somaly Rithchannara ; Kou Chantean
Equipment to do the realtime PCR AriaMx Real-Time PCR Agilent Technologies (USA)

Method to do the real-time PCR

- Taqman probe labeled with FAM to detect HCV-RNA. Taqman probe labeled with Hex to detect the internal control RNA that is extracted with the sample.
- The quantitation of HCV-RNA is carried out based on the 4 standards: S1: 1,000 S2: 10,000 S3: 100,000 S4: 1,000,000 IU/ml that are real-time detected with the sample's RNA

Analysis software Agilent AriaMx 1.3 (USA)

Limit of detection 100 copies/ml or 20 IU/ml

REPORT

The viral load (copies/ml) = Under the detected limit

The viral load (log₁₀) = Under the detected limit

The viral load (IU/ml) = Under the detected limit

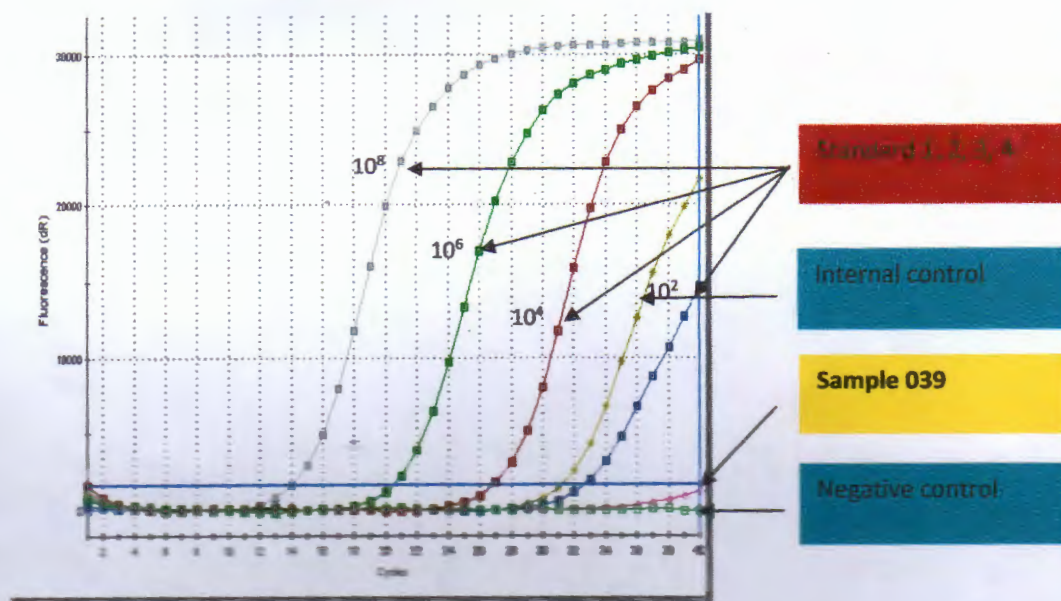
The genotype

Comments

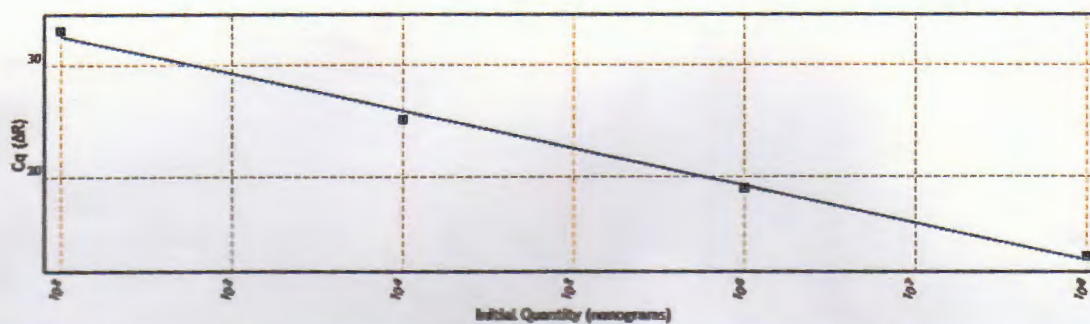
Patient needs to show this report to the physician to receive the appropriate comment for situation of infection

Assistant Prof. BUTH SOKHAL

Amplification Plots



• Standard Curve



Log Fit Values

FAM Standards, RSq:1.000

FAM, $Y = -3.321 \cdot \text{LOG}(X) + 39.37$, Eff. = 100.0%

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Patient ID : H07080040

Request Date : 08-07-2025

Report Date : 08-07-2025

Patient Name : **YI SOPHAT**

Age: 69Y Sex: F

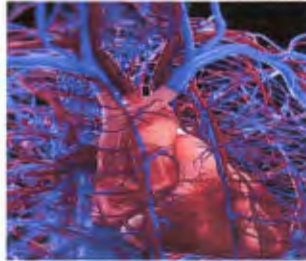
Tel: 012203403

Order Owner :

Dr. TOM JOHNSON

Tel: 0886797911

ការវាស់រូបភាពកែវភ្នែក ដើម្បីព្យាករណ៍ពីហានិភ័យនៃជំងឺស្ទះសរសៃឈាម, ជំងឺតំរងនោមកាំរ៉េ និងអាយុពិតនៃរាងកាយ ជាបច្ចេកវិទ្យាតំបូងគេនៅប្រទេសកម្ពុជា ដែលមាននៅមជ្ឈមណ្ឌលរោគវិជ្ជាប្រើយ៉ូម៉េឌីកតែមួយគត់។ វាអាចឲ្យយើង ដឹងពីជំងឺស្ទះសរសៃឈាម និងខ្សោយតំរងនោមនៅតំណាក់កាលដំបូង ដែលធ្វើឲ្យគ្រូពេទ្យព្យាបាលទាន់ពេលវេលា។

លទ្ធផល (Result)**1. ការព្យាករណ៍ពីហានិភ័យនៃជំងឺតំរងនោមកាំរ៉េ (Chronic kidney disease risk score): 9.24 %**

លទ្ធផល	បំណកស្រាយលទ្ធផល
ហានិភ័យនៃជំងឺតំរងនោមកាំរ៉េ Chronic kidney disease (CKD) risk score: 9.24%	< 5% មានហានិភ័យទាប (Low risk)
	5-15% មានហានិភ័យមធ្យម (Moderate risk)
	> 15% មានហានិភ័យខ្ពស់ (High risk)

2. ការព្យាករណ៍ពីហានិភ័យនៃជំងឺស្ទះសរសៃឈាម (Cardiovascular diseases risk score): 25.05%

លទ្ធផល	បំណកស្រាយលទ្ធផល
ហានិភ័យនៃជំងឺស្ទះសរសៃឈាម Cardiovascular diseases (CVD) risk score: 25.05 %	<10% មានហានិភ័យទាប (Low risk)
	10-20% មានហានិភ័យមធ្យម (Moderate risk)
	> 20% មានហានិភ័យខ្ពស់ (High risk)

3. ការព្យាករណ៍ពីអាយុរាងកាយធៀបនឹងអាយុពិត (Predicted age): 69

ចំណាំ: នេះគ្រាន់តែជាលទ្ធផលព្យាករណ៍ប៉ុណ្ណោះ ប្រសិនបើលទ្ធផលចូលទៅក្នុងតំបន់មានហានិភ័យខ្ពស់ គ្រូវេជ្ជតែស្តុទាក់ទងទៅនឹងជំងឺស្ទះសរសៃឈាមនិងជំងឺតំរងនោមបន្តទៀតមុននឹងធ្វើការព្យាបាល។

Demandez par DR .

Name : YI SOPHAT Age:70 Sex :F

COMPTE RENDUE D'ECHOCARDIOGRAPHIE

Diamètre Ao: 38 mm (20 - 35)

Diamètre OG:39 mm (20 - 37),

SIV TD:13mm (8 - 11)

DTD V :38mm (40 - 54)

PP TD:13mm (08 - 11)

FEVG : 73% (60% - 80%)

COMMENTAIRE

Aorte : Ascendance : non dilatée (D : 24mm)

OG : dilatée, VG non dilatée ni hypertrophiée, septum :13mm.

Fonction systolique du VG est conservée à FEVG :73%

Flux mitrale type : Normals.

Pas de valvulopathie Mitrale significative

Pas de valvulopathie Aorte significative

Cavités droit non dilatée.

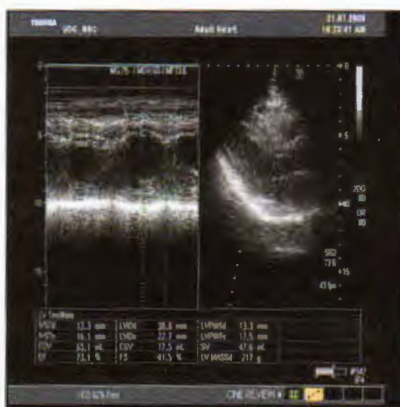
Pas d'IT ni d'HTAP

Péricarde: Libre.

VCI : 11mm.

CONCLUSION : Cardiopathie hypertensive.

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Phnom Penh 21/07/2025
ឯកទេសជំងឺរលាកចិត្តច្រើនបំផុត

Dr.NEOU KAMSAN

០៩៧ ៩៩៩ ៩៩៧៨.០១៦ ៩៣២៩៩២

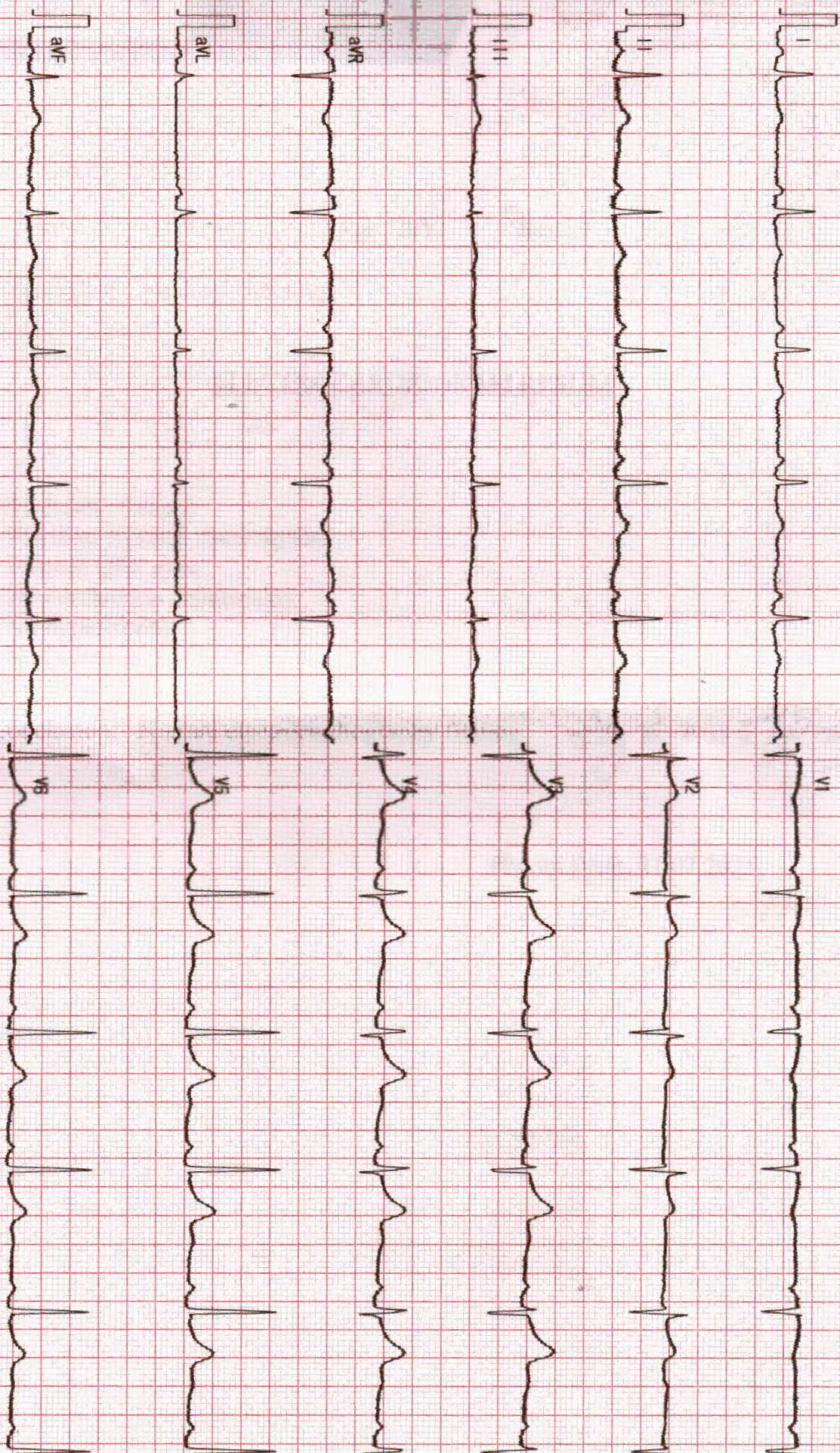
2023年 7月21日 10:21:02
安静時

10:

氏名:
性別:

70歳 F
2021/10/15

HR: 62



10mm/mV 25mm/s
フィルター: AC MF DF Continuous

10mm/mV



ប៊ីយ៉ូម៉េឌីក
BIOMEDIC



មជ្ឈមណ្ឌល ពេទ្យាវិទ្យា អេកូសាស្ត្រ

ULTRASOUND DIAGNOSTIC CENTER

បើកផ្តល់សេវាពិនិត្យរូបភាពដោយប្រើប្រាស់ម៉ាស៊ីនអ៊ុលត្រាសោន៍

Name: YI SOPHAT

Age: 70Y

Sex : F

Indication: Medical check-up

ELECTROCARDIOGRAM RESULE

- Heart rate: 62bpm
- Rhythm: Normal sinus rhythm
- Normal QRS axis.
- No conduction abnormality
- No hypertrophy
- No Ischemia.

Conclusion: Normal electrocardiography finding.

ឡូ ឯ ណេវ៉ូ កាមសាន

Phnom Penh, 21.07.2025

Dr. NEOU KAMSAN



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Patient ID : H 0 7 2 1 0 0 2 1
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Reported Date : 21-07-2025 14:04:16

Patient Name : YI SOPHAT

DOB: 08.06.1955

Age: 70Y

Sex: Female

Tel: 012203403

Order owner :

Dr:

Tel:

Test	Result	Unit	Flag	Reference Range
CARDIOLOGY				
CREATINE PHOSPHO-KINASE (CPK)	188	UI/L	N	(25 - 195)
CREATINE PHOSPHO-KINASE-MB (CPK-MB)	23	U/L	N	(< 24.00)
TROPONIN T, hs	15.61	ng/L	H	(< 14.0)
TROPONIN I UTRA	0.01	ng/mL	N	(< 34.2)

Handwritten notes in Khmer script, including a large arrow pointing to the TROPONIN T result and a signature.

Handwritten signature at the bottom right of the page.