

BULETIN DE ANALIZE MEDICALE

Nr: 27040

Recoltat/Sample Date: 03/06/2024 08:57

Raportat/Report Date: 10/06/2024 14:48

Nume: **Raut Vlad**
Sex: **Masculin**
C.N.P.: **1780407221212**
Adresa: **Iasi**
Telefon: **0726460710**
CI/Passport:
Trimis de: **Dr. Bogdan Cristian Ion CTA**

Borrelia Centrum



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27040-03/06/2024

1. PCR Zoonoze (Borrelia, Anaplasma, Ehrlichia, Bartonella, Coxiella Burnetii, Francisella *, Rickettsia)

* nedetectabil in sange

Denumire	Rezultat
Borrelia	Negativ
Anaplasma	Negativ
Ehrlichia	Negativ
Bartonella	Negativ
Coxiella Burnetii	Negativ
Francisella	- *
Rickettsia	Negativ

***Patogen nedetectabil din sange!**

Esantion analizat: SANGE INTEGRAL+EDTA

Pentru stabilirea unui diagnostic cat mai corect se recomanda corelarea rezultatelor PCR cu simptomele clinice ale pacientului.

Rezultatele incadrate intr-un dreptunghi se situeaza in afara intervalului de referinta pentru parametrul respectiv.

Validat de:
(semnatura si parafa)

Dr. MAXIM LAURIAN MIHAI
medic primar
medicină de laborator
Cod D95991

Probele biologice prelucrate au fost conforme pentru examinare. Rezultatele se refera numai la proba analizata.

LOTS

PCR:

Chips:

Reagent:

SAMPLE DETAILS

ID SAMPLE: 27040

SAMPLE TYPE:

ID PATIENT: PATIENT: Raut Vlad

SEX: Masculin - BIRTHDATE: 07/04/1978 AGE: 46

REPORT

ZOO NEGATIVE

The sample is negative for all the pathogens included in the Tick Borne bacteria flow chip test.

PROTOCOL

Simultaneous detection of DNA from tick-borne bacterial species that cause zoonosis, from genera Anaplasma, Ehrlichia, Borrelia, Bartonella, Coxiella, Rickettsia and Francisella by multiplex PCR and reverse dot blot.

Sample preparation for PCR:

- DNA extraction: DNA Mini Kit, Qiagen, Ref: 51304).
- Use suspension of extracted DNA in each PCR mix (200-400 ng of DNA).

PCR Protocol: 1x 98°C 5min, 43x98-60-72°C (5-5-10), 1x72°C 1min.

REVERSE-DOT BLOT protocol:

- Hybridization of the biotinilated PCR product to the Tick-borne bacteria CHIP.
- Post-hybridization washing.
- Streptavidin-Alkaline Phosphatase incubation.
- NBT-BCIP development.

Automatic analysis

NOTES

FACULTATIVE: Default Doctor, doctor

Performer^d by: Default Tech, tech

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Validated: 07/06/2024

Processed: 07/06/2024

LOTS

PCR:

Chips:

Reagent:

SAMPLE DETAILS

ID SAMPLE: 27040

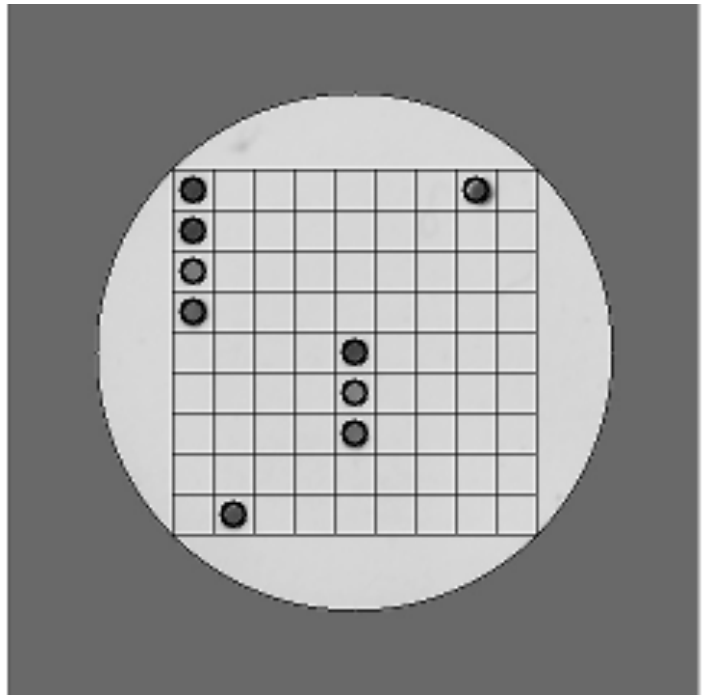
SAMPLE TYPE:

ID PATIENT: PATIENT: Raut Vlad

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REPORT

B			FR			B	
B	GR				EH	BOR	
CI	TG		BAR		AN		
BG	SFG					COX	
			BAR-2	B			FR
				CI			
	EH		BOR	BG	GR		BAR
	AN				TG		BAR-2
	B		COX		SFG		



- Spot B: Hybridization control (5 signals to orientate the CHIP)
 - Spot CI: Amplification control
 - Spot BG: DNA Control (Genomic human DNA probe)
 - Spot #: Pathogen specific probes
- All the spots are printed in duplicate.

ANALYSIS INFORMATION

Threshold: 4

FACULTATIVE: Default Doctor, doctor

Performer^d by: Default Tech, tech

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Validated: 07/06/2024

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