

Bristol, __. __. 2018

Dear colleague,

We send you the results from the analysis on a patient **Ms/Mr** _____ suffering from unknown disease stage N/A. The sample that was sent to us for analysis was a sample of __ml of whole blood that contained EDTA-Ca as anti-coagulant and packed with an ice pack.

In our laboratory we made the following:

- We isolated the white cells using gradient Ficoll with a membrane that isolates white cells from platelets and red cells. Additionally the serum has been collected and evaluated.
- PCR techniques have been performed using primers for viruses (HHVs, VZV, CMV, EBV, HTLV1, HPV16, HPV 18 and XMVR. For DNA viruses a direct PCR has been performed. For retroviruses a two step qPCR has been performed with relative quantification.

VIRUS	SERUM	CELL
HHV1	Negative	Negative
HHV2	Negative	Negative
HHV6	Negative	Negative
VZV	Negative	Negative
EBV	Negative	Negative
CMV	Negative	Negative
HPV16	Negative	Negative
HPV18	Negative	Negative
HTLV1	Negative	Negative
XMVR	Negative	Negative
*HBV	Negative	Negative
*HCV	Negative	Negative
HIV	Negative	Negative
TEC1/16S	Negative	Positive (Ct: 25,31)

Conclusion:

- A borellia burgdoferi genome for the above tested viruses has been amplified and detected.

Sincerely,

Ioannis Papatiriu M.D., PhD
Director of Biocentaur Limited

INDEX:

Ct>>35	NEGATIVE
30<Ct<35	Low value
28<Ct<30	Intermediate value
Ct<<28	High value

Mr/Ms _____

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