



Biocentaur Limited

20/03/2020

Dear colleague,

We send you the results from the analysis on a patient [REDACTED] suffering from liver carcinoma stage N/A. The sample that was sent to us for analysis was a sample of 30ml 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	Positive (Ct: 33, 04)
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	Negative

Conclusion:

- **An EBV viral genome for the above tested viruses has been amplified and detected.**

Sincerely,



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



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