



BLOOD CANCER OXR – FINAL REPORT

Patient Information

| Identification Data | | General Biochemistry | | Blood Drawn Realization | |
|---------------------------|-------------|----------------------------|-------|--------------------------------|------------|
| HRN: | BRE00000273 | Creatinine (mg/dL): | 1.00 | Blood Drawn Date: | 25-01-2020 |
| Name: | Maria Khan | ASAT (U/L): | 8.00 | Urine Tumor Markers | |
| Personal Data | | ALAT (U/L): | 12.00 | | |
| | | GGT (U/L): | 7.00 | | |
| Age (years): | 23 | Total Bilirubin (mg/dL): | 1.00 | 8-OHdG (ng/mL): | 11.10 |
| Comorbidities | | Hemolized Sample: | No | Urine Drawn Realization | |
| | | Serum Tumor Markers | | Urine Drawn Date: | 25-01-2020 |
| Atherosclerosis: | No | CA 15.3 (U/mL): | 19.70 | Lifestyle | |
| Chronic Liver Disease: | Yes | CEA (ng/mL): | 1.60 | | |
| Diabetes Mellitus 1 or 2: | No | EGFR (ng/mL): | 5.00 | | |
| Jaundice: | No | NGAL (ng/mL): | 4.60 | | |
| Renal Failure: | Yes | NSE (ng/mL): | 7.00 | Smoking: | Negative |

Outcome

Results

Some Tumor Markers are outside the reference range and suggest malignancy.

“High”

Range: Low, Moderate, High

Comments

In absence of comorbidities that are well-known source of False Positive (FP) in healthy patients by increasing some Tumor Markers levels, whole Tumor Markers levels suggest malignancy.

Conclusions

WE SUGGEST BLOOD CANCER. THE 2016 ICD-10-CM DIAGNOSIS CODE IS C50 (MALIGNANT NEOPLASM OF BLOOD).

This report has been generated from the data entered on 25-01-2020 10:55:02 UTC/GMT.

Disclaimer

This Multiple Biomarkers Disease Activity Algorithm (MBDAA) for Blood Cancer has been developed for the exclusive use by healthcare professionals, and solely as a Clinical Decision Support System (CDSS), not as an unique element for diagnosis. The algorithm bears a Sensitivity = 82.3%, Specificity = 85.7%. Please note, negativity of the Tumor Markers does not exclude at 100% the possibility of a malignant epithelial tumor.

The Royal London Hospital,
London
Email: friendsrlh.com
Website: www.friendsoftheroyallondonhospital.org.uk



Technical Responsible
Lorena Lendinez
Chief Scientific Officer
The Royal London Hospital