**OncoLUNG Dx - Final Report**

### Patient Information

**Identification Data**
- HRN: LUN00004216
- ID Card: Unknown

**Personal Data**
- Gender: Male
- Age: 47

**Comorbidities**
- Chronic Liver Disease: Yes
- Pemphigus/Psoriasis: No
- Renal Failure: No

**General Biochemistry**
- Hemolized Sample: No

**Serum Tumor Markers**
- CA 15.3 (U/mL): 209.00
- CEA (ng/mL): 36.00
- CYFRA 21-1 (ng/mL): 22.30
- NSE (ng/mL): 28.00
- ProGRP (pg/mL): 3.00
- SCC (ng/mL): 3.80

**Biochemistry Realization**
- Blood Drawn Date: 20-11-2017

**CT Scan Image**
- Findings: Suspicious Nodules
- Total Size (mm): Unknown

**Lifestyle**
- Smoking Habits: Past

### Outcome

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

#### Conclusions
WE SUGGEST NON-SMALL CELL LUNG CANCER (NSCLC) WITH HIGH PROBABILITY ADENOCARCINOMA OR LARGE-CELL LUNG CARCINOMA (LCLC). THE 2016 ICD-10-CM DIAGNOSIS CODE IS C34.90 (MALIGNANT NEOPLASM OF UNSPECIFIED PART OF UNSPECIFIED BRONCHUS OR LUNG).

This report has been generated from the data entered on 14-02-2018 16:18:46 UTC/GMT.

### Disclaimer
This Multiple Biomarkers Disease Activity Algorithm (MBDAA) for Lung 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 = 93.5%, Specificity = 96.2%, PPV = 97.6%, NPV = 89.9%. Please note, negativity of the Tumor Markers does not exclude at 100% the possibility of a malignant epithelial tumor.