





**PROTEIN**  
BIOTECHNOLOGIES

**PATHOLOGY REPORT**

**Catalog No.:** T1-020  
**Tissue:** Lung  
**Location:** Right lung.  
**Diagnosis:** Large Cell Carcinoma, poorly differentiated.  
**Stage:** II T<sub>2</sub>N<sub>0</sub>M<sub>x</sub>  
**Grade:** III  
**Sex:** Male  
**Age:** 63 years

<b>Appearance:</b>	<u><b>Macroscopic</b></u>	<u><b>Characteristics</b></u>	<u><b>+/-</b></u>
	Organ: Lung	Encapsulated:	-
	Size: 5 cm.	Invaded:	+
	Color: Yellow	Hemorrhagic:	+
	Consistency: Friable	Cystic degeneration:	-
	Cut surface: Homogenous	Calcification:	-

<b>Histologic pattern:</b>	<u><b>Cell distribution:</b></u>	<u><b>+/-</b></u>	<u><b>Structure / Pattern:</b></u>	<u><b>+/-</b></u>
	Diffuse:	-	Streaming:	-
	Mosaic:	+	Storiform:	-
	Necrosis:	+	Swirling:	-
	Lymphocytic infiltration:	+	Pallisading:	-
	Vascular invasion:	-	Cystic degeneration:	-
	Clusterized:	-	Bleeding:	-
	Alveolar formation:	-	Myxoid change:	-
	Indian file:	-	Psammoma body:	-

<b>Cellular differentiation:</b>	<u><b>Squamous:</b></u>	<u><b>+/-</b></u>	<u><b>Adenomatous:</b></u>	<u><b>+/-</b></u>	<u><b>Sarcomatous:</b></u>	<u><b>+/-</b></u>
	Squamoid:	-	Glandular cell:	-	Round cell:	-
	Spindle:	-	Cell stratification:	-	Spindle cell:	-
	Keratin:	-	Secretion:	-	Leiomyoblast:	-
	Desmosome:	-	Intracellular vacuole:	-	Lipoblast:	-
	Pearl:	-	Glandular formation:	-	Rhoadomyoblast:	-

<b>Nuclear atypia:</b>	<u><b>Nuclear Appearance:</b></u>	<u><b>0</b></u>	<u><b>I</b></u>	<u><b>II</b></u>	<u><b>III</b></u>
	Anisonucleosis:				X
	Hyperchromatism:			X	
	Nucleolar prominent:			X	
	Multinucleated giant cell:			X	
	Mitotic activity:				X
	Nuclear grade:				X