



PROTEIN
BIOTECHNOLOGIES

PATHOLOGY REPORT

Catalog No.: T1-031
Tissue: Lung
Location: Right upper lobe.
Diagnosis: Squamous Cell Carcinoma, moderately differentiated.
Stage: III T₃N₀M₀
Grade: II
Sex: Male
Age: 55 years

Appearance:

<u>Macroscopic</u>	<u>Characteristics</u>	<u>+/-</u>
Organ: Lung	Encapsulated:	-
Size: 4.0 x 5.0 cm.	Invaded:	+
Color: Pink-gray	Hemorrhagic:	+
Consistency: Firm	Cystic degeneration:	+
Cut surface: Pink-gray-white	Calcification:	+

Histologic pattern:

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

Cellular differentiation:

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

Nuclear atypia:

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