



PROTEIN
BIOTECHNOLOGIES

PATHOLOGY REPORT

Catalog No. T1-029

Tissue: Lung

Location: Left upper lobe.

Diagnosis: Squamous cell carcinoma

Stage: I T₂N₀M₀

Grade: II

Sex: Male

Age: 74 years

Gross findings: Tumor size 7 cm diameter, well demarcated.
Cut section soft, hemorrhagic and necrotic.
Ipsilateral hilar lymph nodes show hyperplasia.

Microscopic findings: Tumor shows proliferation of malignant epithelial cell clusters. Epithelial cells form clusters with irregular, basophilic, large nuclei and predominant nucleoli. Cytoplasm is abundant and clear. Nuclear chromatin is coarse and irregularly distributed. Mitotic figures are evident. The surrounding stroma is hemorrhagic and infiltrated by large numbers of lymphocytes, plasma cells, eosinophils and neutrophils. Tumor necrosis and blood vessel invasion are revealed.