



PROTEIN BIOTECHNOLOGIES

PATHOLOGY REPORT

Catalog No. T16-027
Tissue: Thyroid
Location: Right lobe.
Diagnosis: Medullary carcinoma.
Stage: III
Grade: 2
Sex: Female
Age: 21 years
Gross findings: Tumor size 4 cm. Cut section firm, brown, homogeneous, invasive. Moderately differentiated.

Microscopic findings:

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:	-	Rhoadomyoblast:	-

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	