

<b>Pt. Name:</b>	سلوى صالح سعد	<b>Lab Number:</b>	0876-2026
<b>Pt. Age:</b>	42 years.	<b>Gender:</b>	Female
<b>Received date:</b>		<b>Reported date:</b>	2026-02-13
<b>Referred By:</b>	أ.د/ عبد الفتاح التام		

## PATHOLOGY REPORT

<b>Clinical Information.</b>	Righ neck mass, suspected carotid body tumor.
<b>Nature of specimen.</b>	Excisional biopsy.

### GROSS:

Soft tissue fragment measured 2x1.5x1.2 cm, totally embedded.

### MICROSCOPIC:

An encapsulated tumor with organoid pattern of nests of rounded large epithelial like cells with abundant granular or clear cytoplasm. Cell borders are ill-defined. The nests are separated by a network of fibrovascular trabeculae. Some cells show enlarged nuclei but no evidence of mitotic activity. Capsule of tumor looks attenuated in many foci with evidence of invasion by tumor cell nests.

### DIAGNOSIS:

#### Rt neck mass, excision biopsy:

- Carotid body tumor (paraganglioma).

### COMMENT:

Biologic potencial of carotid body tumors is not predictable by histology. However, the vast majority of carotid body paragangliomas will behave in a benign fashion and less than 10% will be biologically aggressive. Hence, a follow up policy is recommended.

**Pathologist**

**Prof. Dr. Neveen Tahoun, MD, PhD**  
**13-02-2026**

*Nerveen Tahoun*