

Pt. Name:	سميرة يحيى محمد علي		Lab Number:	1085-2026	
Pt. Age:	50 years.	Gender:	Female	Received date:	2026-02-15
Referred By:	د/ علي الحوثي		Reported date:	2026-02-21	

PATHOLOGY REPORT

Clinical Information.	Referred paraffin block of Intra-axial left frontal lesion for immunohistochemical studies.
Nature of specimen.	Immunohistochemistry.

GROSS:

Referred paraffin block of previous case 865-2026.

MICROSCOPIC:

Immunohistochemical studies were performed using appropriate positive and negative controls. The findings are as follows:

- **GFAP:** Diffuse cytoplasmic positivity in tumor cells, consistent with glial differentiation.
- **IDH1:** Nuclear positivity in tumor cells, indicating IDH-mutant status.
- **Synaptophysin:** Negative in tumor cells; background neuropil positivity is present.
- **Ki-67 (MIB-1):** Low proliferative index, approximately 2–3%.

DIAGNOSIS:

Intra-axial Lt. frontal mass:

- Diffuse astrocytoma, CNS WHO Grade 2.

Pathologist

Prof. Dr. Neveen Tahoun, MD, PhD
21-02-2026

Nerveen Tahoun