

Pt. Name:	قمارى محمد سعد حسن	Lab Number:	1219-2026
Pt. Age:	30 years.	Gender:	Male
Received date:		Reported date:	2026-02-21
Referred By:	د/ أحمد فائد سالم	Reported date:	2026-02-26

## PATHOLOGY REPORT

Clinical Information.	Referred paraffin block of biopsy from left perianal mass.
Nature of specimen.	Referred block for immunostaining

### GROSS:

One referred paraffin block of previously submitted biopsy coded 878-2026.

### MICROSCOPIC:

Immunohistochemical studies were performed with appropriate positive and negative controls.

- **Synaptophysin:** Diffuse cytoplasmic positivity in tumor cells.
- **CD99:** Diffuse, strong membranous positivity.
- **LCA (CD45):** Negative in tumor cells.
- **Cytokeratin (pan-CK):** Negative in tumor cells.
- **Desmin:** Negative in tumor cells.
- **Myogenin:** Negative in tumor cells.
- **SOX10:** Negative in tumor cells.
- **Ki-67 proliferation index:** Approximately 50%, assessed in tumor cell hot spots.

### DIAGNOSIS:

Left perianal mass, biopsy and immunohistochemistry:

- Consistent with extraskelatal Ewing sarcoma / primitive neuroectodermal tumor (PNET).

### Comment:

For more confirmation additional marker study (NKX2.2 and molecular study for EWSR1 gene rearrangement is recommended.

Pathologist

Prof. Dr. Neveen Tahoun, MD, PhD  
26-02-2026

Nerveen Tahoun