

Pt. Name:	خادم سالم أحمد شريف	Lab Number:	5990-2025
Pt. Age:	70 years.	Gender:	Male
Received date:		Reported date:	2025-12-28
Referred By:	م/ ابن سيناء	Reported date:	2026-01-10

PATHOLOGY REPORT

Clinical Information.	Urinary bladder mass.
Nature of specimen.	Referred slides and paraffin block for immunostaining

GROSS:

One referred paraffin block and two H&E stained slides coded S5533-2025.

MICROSCOPIC:

Immunohistochemical evaluation demonstrates retained apical and membranous uroplakin expression within the umbrella-cell layer. CK and CK5/6 show diffuse staining throughout the urothelial thickness. CK20 staining is confined to the umbrella cells. The Ki-67 (MIB-1) proliferation index is moderately increased, with scattered nuclear labeling involving approximately 15% of the lesional cells. p53 exhibits a wild-type staining pattern, characterized by focal weak nuclear reactivity.

DIAGNOSIS:

Referred slides and block of urinary bladder mass TUR and immunostaining:

- Papillary urothelial carcinoma, low grade.
- Stage pTa.

COMMENT:

?The presence of diffuse CK5/6 expression accompanied by a moderately elevated proliferative index suggests disturbed urothelial maturation and increased proliferative activity, findings that are atypical for a conventional urothelial papilloma. Accordingly, the diagnostic considerations extend to low-grade papillary urothelial carcinoma.

Pathologist

Prof. Dr. Neveen Tahoun, MD, PhD
10-01-2026

Nerveen Tahoun