

<b>Pt. Name:</b>	رجاء أحمد محمد راصع		<b>Lab Number:</b>	C3596-2026	
<b>Pt. Age:</b>	35 years.	<b>Gender:</b>	Female	<b>Received date:</b>	2026-05-21
<b>Referred By:</b>	د / محمد راصع		<b>Reported date:</b>	2026-05-26	

### PATHOLOGY REPORT

<b>Clinical Information.</b>	Cystic goiter.
<b>Nature of specimen.</b>	Thyroid FNAC.

#### GROSS:

One smear was prepared and stained from submitted 3 ml dark brown fluid.

#### MICROSCOPIC:

The cytological smear shows moderate cellularity on a hemorrhagic background and mild amounts of colloid. The follicular epithelial cells are primarily arranged in cohesive, monolayered sheets and macrofollicular clusters. The individual follicular cells appear small and uniform, featuring regular, round nuclei with evenly distributed chromatin and inconspicuous nucleoli. There is no evidence of significant nuclear crowding, overlapping, or the characteristic features of malignancy, such as nuclear grooves or intranuclear pseudoinclusions. No significant inflammation or necrosis is observed.

#### DIAGNOSIS:

##### Thyroid lobe nodule, guided FNAC:

- Benign cytology. Consistent with a Benign Follicular Nodule (Adenomatoid or colloid nodule).
- Bethesda Category II.
- Recommended for follow up.

#### COMMENT:

According to The Bethesda System for Reporting Thyroid Cytopathology, a Category II (Benign) result carries a very low risk of malignancy (typically <3%). This result aligns with the TIRADS III ultrasound classification mentioned in your earlier report, which also suggests a "probably benign" lesion.

*Pathologist*

Prof. Dr. Neveen Tahoun, MD, PhD  
26-05-2026

*Nereen Tahoun*