New York Presbyterian Hospital - Columbia University Medical Center
Clinical Laboratory Services
622 West 168th Street New York, New York 10032
212-305-2360, FAX# 212-342-0776

Name:	**KIANI, AYESHA**	Cyto No.:	**CN25-5778**
MRN:	1011021118	Date Obtained:	11/17/2025
D.O.B.	6/25/1985 (Age: 40)	Date Received:	11/17/2025
Sex:	F	Physician:	Fahim Firozali Pyarali, MD
Location:	MIL OPERATING ROOM		HIP 3

NON-GYN CYTOLOGY

SPECIMEN:
Pleural fluid, left

GROSS DESCRIPTION:
1200 cc of bloody fluid received. 1 ThinPrep slide, 1 cell block and 1 Diff Quik-stained smear prepared.

CLINICAL HISTORY:
Post-menopausal bleeding

DIAGNOSIS(ES):

SPECIMEN ADEQUACY:
SATISFACTORY FOR EVALUATION

INTERPRETATION:
POSITIVE FOR MALIGNANT CELLS
Metastatic adenocarcinoma (see note).

Note: The specimen consists of clusters of markedly atypical epithelial cells with vacuolated cytoplasm and prominent nucleoli. The tumor cells in this specimen show the same cytomorphology as those tumor cells seen in the contralateral pleural fluid sample (CN25-5777). Please refer to this specimen (CN25-5777) for the complete work up.

Smear, ThinPrep slide, and cell block section were evaluated. Please refer to concurrent specimen reports (GP25-3371, CN25-5777 and CN25-5773) for complete evaluation and ancillary studies.

This case has been electronically signed and results reported on 11/20/2025 17:37 by Rachelle P. Mendoza, MD.

Interpreted by: Attending: Rachelle P. Mendoza, MD

The diagnosis was rendered by the attending pathologist.

DIRECTOR CLINICAL LABORATORIES, CUIMC: Eldad A. Hod, M.D.

Slides may have been examined as digital images including consultation for intraoperative frozen sections. Hardware and software for digital images have been developed by Leica Biosystems, PathAI, and NewYork–Presbyterian Hospital (NYPH). Their performance characteristics have been determined by the NYPH/CUMC Department of Pathology and validated as a laboratory developed test. This test is used for clinical purposes. Pursuant to the requirements of CLIA '88, our laboratory has established the equivalent and non-inferiority for this test for reporting of pathology. It has not been cleared or approved by the U.S. Food and Drug Administration (FDA). The New York State Department of Health has not evaluated any test claims nor reviewed the accuracy of this test.

Note: Immunochemistry testing performed at CUIMC was developed and its performance characteristics determined by the Pathology Department, Columbia University College of Physicians and Surgeons, New York, NY. These tests were interpreted in conjunction with external positive and internal negative controls, unless otherwise noted. It has not been cleared or approved by the US FDA. This test is used for clinical purposes only. It should not be regarded as investigational or for research.
PFI: New York Presbyterian Hospital - Columbia University Medical Center - Anatomic Pathology Labs - 622 West 168th Street - NY NY 10032