ALBERTA PRECISION LABORATORIES
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Laboratory Bulletin

DATE:	25 May 2026
TO:	Oncologists, Province Wide
FROM:	Edmonton and Calgary Zone Immunohistochemistry Laboratory, Alberta Precision Laboratories (APL)
RE:	**PD-L1 22-C3 Testing for Platinum-Resistant Recurrent Epithelial Ovarian, Fallopian Tube, or Primary Peritoneal Carcinoma Now Available in Alberta**

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Key Message

- Oncologists may now submit requests for PD-L1 testing. Eligible malignancies include:
  - Endometrioid carcinoma (any grade)
  - High-grade serous or predominantly serous carcinoma
  - Low-grade serous carcinoma
  - Malignant mixed Müllerian tumors
  - Clear cell carcinoma (ovarian and pelvic mesothelium origin)
- Platinum resistance is defined as radiographic progression within 6 months of the last dose of platinum-based chemotherapy.
- PD-L1 biomarker immunohistochemistry (IHC) testing for platinum-resistant recurrent ovarian cancer is now available using the PD-L1 22C3 PharmDx assay.
- The PD-L1 22C3 PharmDx assay is used to determine eligibility for Pembrolizumab.
- Samples must be formalin-fixed, with an optimal fixation time of 12–72 hours.

Background

- PD-L1 IHC PharmDx 22C3 is the required assay to determine access to Pembrolizumab in patients with the above malignancies, as outlined in the ENGOT-ov65/KEYNOTE-B96 clinical trial.

Action Required

- In Epic, under “Request for Additional Testing for Pathology Sample,” select:
  “Ovarian – FT – Primary Peritoneal (from Pelvic Mesothelium) Carcinoma – Pembrolizumab – 22C3.”

Effective **May 27, 2026**

Questions/Concerns

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