

DATE:	6 August 2024
TO:	Alberta Medical Oncologists, Oncology Nurses, and Anatomical Pathologists
FROM:	IHC Subspecialty Group
RE:	PD-L1 22C3 IHC Testing in Gastric and Gastroesophageal Adenocarcinomas

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Key Message

- PD-L1 IHC 22C3 PharmDx will be performed alongside currently performed biomarkers (PD-L1 28-8, Her2, and MMR) when requested by the treating oncologist. A CPS score of ≥ 1 or < 1 will be reported.

Background

- The KEYNOTE 811 clinical trial demonstrated improved progression free survival for patients with Her2+ gastric or gastroesophageal adenocarcinoma treated with pembrolizumab plus trastuzumab and chemotherapy and whose tumors showed combined positive score (CPS) ≥ 1 .

How this will impact you

- PD-L1 IHC 22C3 PharmDx will be performed alongside currently performed biomarkers (PD-L1 28-8, Her2, and MMR) in patients with gastric and gastroesophageal adenocarcinomas when requested by the treating oncologist. Testing will be performed in Edmonton (EZ IHC) and reported in both Edmonton and Calgary.

Action Required

- Continue to request biomarkers as per usual.
- **In Epic:** Use "Request for Additional Testing for Pathology Samples"
- **Requested Tests:** select "PD-L1"
- **PD-L1 Testing:** select "Upper GI- Nivolumab/Pembrolizumab- 28-8/22-C3"

Requisition

- Forward to Edmonton Zone IHC Lab. Fax: 780-429-2819

Effective August 12, 2024

Questions/Concerns

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Effective September 1, 2023, APL has become the sole provider of all public lab services in Alberta. As a result, community lab services formally provided by DynaLIFE Medical Labs will become the responsibility of Alberta Precision Labs (APL). This change impacts all zones.