TEST ID: 88725
PD-L1 (B7-H1, CD274), SEMI-QUANTITATIVE IMMUNOHISTOCHEMISTRY, MANUAL

USEFUL FOR
Identification of neoplasms expressing programmed cell death 1 ligand 1

CLINICAL INFORMATION
Programmed cell death 1 ligand 1 (PD-L1), also known as B7 homolog 1 (B7-H1) or CD274, is a transmembrane protein involved in the regulation of cell-mediated immune responses through interaction with the receptor programmed death-1 (PD-1). PD-L1 has been identified as both a prognostic and theranostic marker in a variety of neoplasms. Overexpression of PD-L1 has been observed in carcinomas of the bladder, lung, thymus, colon, pancreas, ovary, breast, kidney, and in melanoma and glioblastoma.

INTERPRETATION
This test will be answered as percent tumor cells positive or negative and immune cells positive or negative. If additional interpretation or analysis is needed, request test 70012 / Pathology Consultation along with this test.

CLINICAL REFERENCE

METHOD DESCRIPTION
Immunohistochemistry on sections of paraffin-embedded tissue using Ventana PD-L1 clone SP263 (FDA-approved).

ANALYTIC TIME
5 days