

# Sema4 Signal: Immunohistochemistry (IHC) Analyses

## Specimen guidelines

Analysis	Specimen Type	Specimen Requirements	Additional Requirements	Transport Temperature	Turnaround Time
PD-L1 by IHC	FFPE tissue	<ul style="list-style-type: none"> <li>Formalin-fixed, paraffin-embedded (FFPE) block, <b>or</b></li> <li>1 H&amp;E slide or 1 FFPE unbaked/unstained slide cut at <b>4 microns</b> for H&amp;E staining <b>PLUS</b> 2 positively charged, air dried unstained slides cut at <b>4 microns</b> and labelled "IHC"</li> </ul>	<ul style="list-style-type: none"> <li>Specimens must be labeled with two unique identifiers, including, the block identifier corresponding to the pathology report</li> </ul>	Use cold pack for transport. Cold pack shouldn't come in direct contact with specimen	6 days
Mismatch Repair (MMR) Proteins ( <i>MLH1</i> , <i>PMS2</i> , <i>MSH2</i> , <i>MSH6</i> ) by IHC	FFPE tissue	<ul style="list-style-type: none"> <li>Formalin-fixed, paraffin-embedded (FFPE) block, <b>or</b></li> <li>1 H&amp;E slide or 1 FFPE unbaked/unstained slide cut at <b>4 microns</b> for H&amp;E staining <b>PLUS</b> 6 positively charged, air dried unstained slides cut at <b>4 microns</b> and labelled "IHC"</li> </ul>	<ul style="list-style-type: none"> <li>Specimens must be labeled with two unique identifiers, including, the block identifier corresponding to the pathology report</li> </ul>	Use cold pack for transport. Cold pack shouldn't come in direct contact with specimen	6 days