

## Comprehensive genomic and tailored biomarker insights for optimal therapy selection in a single order

Cancer type	Add-on testing
Biliary/Cholangiocarcinoma	CLDN18.2, HER2 CDx, PD-L1 CDx (22C3)
Bladder	HER2 CDx, PD-L1 (22C3)
Breast	AR, ER, HER2 CDx, Ki-67, PD-L1 CDx (22C3), PR
Cervical	HER2 CDx, PD-L1 CDx (22C3)
Colorectal	HER2 CDx
Endometrial/Uterine carcinoma	ER, HER2 CDx, p53, PD-L1 (22C3), PR
Esophageal adenocarcinoma (EAC)	CLDN18.2 CDx, HER2 CDx, PD-L1 CDx (22C3), PD-L1 CDx (28-8)
Esophageal squamous cell carcinoma (ESCC)	PD-L1 CDx (22C3)
Gastric/GEJ	CLDN18.2 CDx, HER2 CDx, PD-L1 CDx (22C3), PD-L1 CDx (28-8)
Head and neck squamous cell carcinoma (HNSCC)	HER2 CDx, PD-L1 CDx (22C3) HPV RNA ISH Panel
Hepatocellular carcinoma	HER2 CDx, PD-L1 (22C3)
Melanoma	PD-L1 (22C3)
Non-small cell lung cancer (NSCLC)*	ALK CDx, c-MET CDx, HER2 CDx, PD-L1 CDx (22C3), PD-L1 CDx (SP142), ROS1
Ovarian/Fallopian/Peritoneal	ER, FOLR1 CDx, HER2 CDx, PD-L1 (22C3), PR HRD <sup>†</sup> through NGS-based scoring
Pancreatic	CLDN18.2, HER2 CDx, PD-L1 (22C3)
Prostate	AR, HER2 CDx, PD-L1 (22C3)
Renal/Renal Cell Carcinoma (RCC)	HER2 CDx, PD-L1 (22C3)
Sarcoma/GIST	HER2 CDx, PD-L1 (22C3)
Thyroid	HER2 CDx, PD-L1 (22C3)
Cancer of unknown primary (CUP)	AR, ER, HER2 CDx, PD-L1 (22C3), PR
Other	PD-L1 (22C3)

HER2 FISH reflex will occur for resulted 2+ equivocal IHC results.

If selected with order, PanTracer LBx will be added as a reflex if tissue testing is not possible or fails.

\*PD-L1 CDx 28-8 and PD-L1 CDx SP263 are available to add to NSCLC cases by request.

<sup>†</sup>HRD scoring is validated for primary epithelial ovarian tumors only and is not available to NY state clients.

FISH = fluorescence in situ hybridization; GEJ = gastroesophageal junction; GIST = gastrointestinal stromal tumor; HPV = human papillomavirus; HRD = homologous recombination deficiency; IHC = immunohistochemistry; ISH = in situ hybridization; NGS = next-generation sequencing.

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