

# X LifeStrands THE TESTING MATRIX

## Somatic NGS Test Menu (Tissue-based)



Item No.	Test Name	Focus	Coverage	Medicare-reimbursed (no out-of-pocket cost if Medicare eligible)	Out-of- pocket Cost	TAT (days)	
T01	Essential Combined Panel	Hotspot DNA (mutations, CNVs) + RNA (fusions)	50 genes	NSCLC (#73437)	\$750	5	
T02	Essential DNA Panel	Hotspot DNA (mutations, CNVs)	45 genes	NSCLC (#73438) Colorectal cancer (#73338) Melanoma (#73336) Cholangiocarcinoma (#73319)	\$400	5	
Т03	Essential Fusion Panel	Hotspot RNA (fusions)	18 genes	NSCLC fusions (#73439) Paediatric tumours (#73433) Secretory breast & Salivary Gland carcinoma (#73433)	\$400	5	
T04	DNA 68 Panel	DNA (full coding regions); pan-cancer	68 genes	Nil	\$450	10	
T05	Endometrial Panel	DNA (full coding regions); endometrial cancer	18 genes	Nil	\$420	10	
T06	Extended Panel	DNA (full coding regions, mutations, CNVs, MSI)	110 genes	Prostate (#73303) Ovarian, Fallopian tube or Peritoneal cancer (#73301)	\$700	10	
Т07	ThyroStrands Panel	DNA + RNA (fusions); thyroid cancer	91 genes	Nil	\$800	14	

# Somatic NGS Test Menu (Tissue-based) (continued...)



Item No.	Test Name	Focus	Coverage	Medicare-reimbursed	Out-of- pocket Cost	TAT (days)
T08	Neuro-Oncology Panel	DNA (full coding regions, relevant full chromosome arms); dedicated panel for brain tumour diagnosis as per WHO CNS tumour guidelines	100 genes	Glioma (#73429)	\$750	10
T09	Comprehensive Panel*	DNA (mutations, CNVs, splice sites, MSI) + RNA (fusions) + TMB + mutational signatures	523 genes	Nil	\$2,300	14
T10	Comprehensive HRD Panel	DNA (mutations, CNVs, splice sites, MSI) + RNA (fusions) + TMB + mutational signatures + HRD	523 genes	HRD for Ovarian, Fallopian tube, and Primary peritoneal cancer (#73307)	\$2,800	14
T11	Comprehensive Fusion Panel	RNA (known + novel fusions)	501 genes	Sarcoma (#73376)	\$620	10
T12	Benchmark 659 CGP Panel*	DNA (mutations, CNVs, splice sites, MSI) + RNA (fusions) + TMB + mutational signatures	650 genes	Nil	\$1,300	14

<sup>\*</sup>Comprehensive Panel (Item T09) can be performed instead of the Benchmark 659 Panel (Item T12) if preferred, but at an increased cost of \$2,300, instead of \$1,300. Please refer to the testing matrix for individual tumour types.



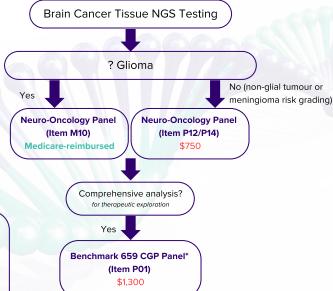
## Other Tests (Tissue-based)

Item No.	Test Name	Focus	Coverage	Medicare-reimbursed	Out-of- pocket Cost	TAT (days)
T13	MGMT promoter methylation	MGMT promoter methylation; glioblastoma	N/A	Glioblastoma (#73373)	\$300	5
T14	MLH1 promoter methylation	MLH1 promoter methylation; gastrointestinal tract, endometrial cancer, etc.	N/A	Nil	\$300	5

## Brain Cancer







MGMT Promoter Methylation for Glioblastoma (Item M11) Medicare-reimbursed

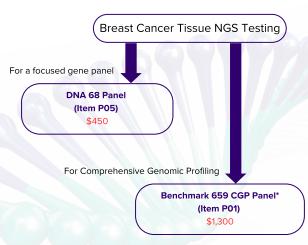
For out-of-pocket patients (Item T13)

\$300

# Breast Cancer

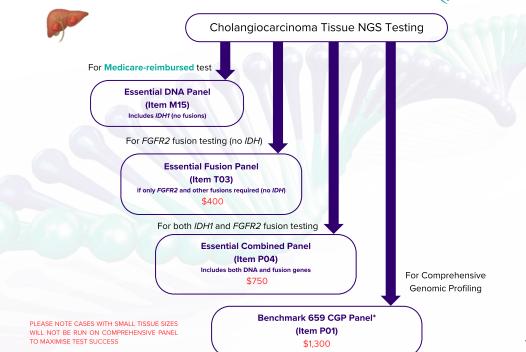






#### Cholangiocarcinoma





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## Colorectal





(Colorectal Cancer Tissue NGS Testing)

For Medicare-reimbursed test

Essential DNA Panel (Item M04)

For more extended profiling (including MSI, *BRCA*, and other relevant genes)

Extended Panel (Item T06) \$700

For Comprehensive Genomic Profiling

MLH1 Promoter Methylation for Lynch Syndrome work-up (Item P13) \$300 Benchmark 659 CGP Panel\* (Item P01) \$1,300

## LifeStrands **Endometrial** Cancer **Endometrial Cancer Tissue NGS Testing** For a focused gene panel **Endometrial Panel** (Item P06) \$420

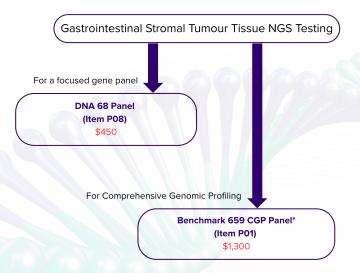
Benchmark 659 CGP Panel\*
(Item P01)
\$1,300

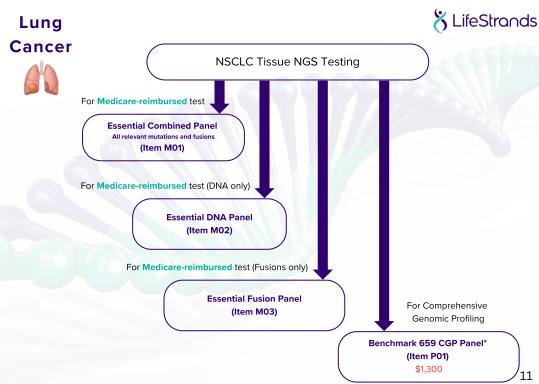
MLH1 Promoter Methylation for Lynch Syndrome work-up (Item P13) \$300

## **GIST**





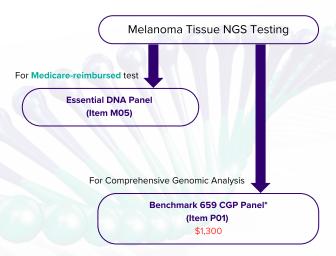




#### Melanoma







## Ovarian, Fallopian Tube, Peritoneal Serous Cancer





Ovarian, Fallopian Tube, Peritoneal Serous Cancer
Tissue NGS Testing

For Medicare-reimbursed test (not HRD)

Extended Panel BRCA1/2; not HRD (Item M07)

For Medicare-reimbursed test (HRD)

Comprehensive HRD Panel also includes comprehensive analysis (Item M08)

# Prostate Cancer





Prostate Cancer Tissue NGS Testing

For Medicare-reimbursed test

Extended Panel
HRR genes included

IRR genes included (Item MO6)

For Comprehensive Genomic Profiling

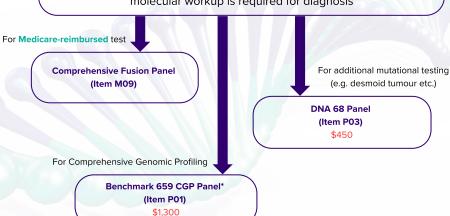
Benchmark 659 CGP Panel\* (Item P01) \$1,300

### Sarcoma or Spindle Cell Lesions



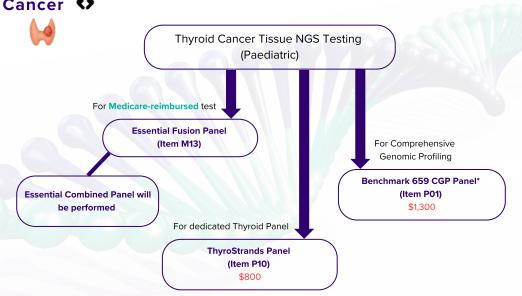


Sarcoma/Spindle cell lesions (including Uterine soft tissue tumours) where molecular workup is required for diagnosis



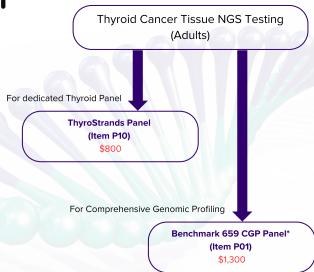










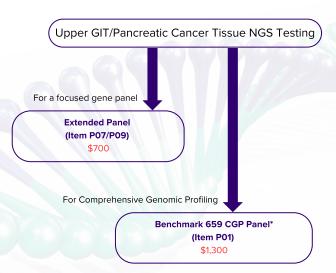


## Upper GIT Cancer

LifeStrands

Esophageal, gastric,







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