



The Caris Difference – Reflex Testing Menu

Comprehensive tumor profiling from Caris Life Sciences® assesses DNA, RNA and Proteins with multiple technologies including Next-Generation Sequencing (Whole Exome Sequencing for DNA), (Whole Transcriptome Sequencing for RNA), PyroSeq, IHC and ISH to reveal a more complete molecular blueprint to guide precise and individualized treatment decisions. This comprehensive approach provides multiple reflex options to alternative technologies/methods in order to better optimize limited tissue samples and provide critical results. The information below details reflex testing for Caris Molecular Intelligence® tumor profiling.

Reflex Test (Biomarkers & Platform)	Tumor Types		
	All Tumor Types	Head & Neck	Non-Small Cell Lung
Fragment Analysis (DNA)			
MSI by Fragment Analysis when MSI by WES and MMR IHC are discordant	✓		
Chromogenic <i>in situ</i> Hybridization			
HER2 CISH when HER2 IHC is equivocal	✓		
HER2 CISH when ERBB2 CNA* is Intermediate (excludes breast, colorectal, gastric/GEJ)	✓		
HPV CISH to confirm p16 IHC		✓	
Immunohistochemistry			
BRAF V600E IHC when BRAF by WES is QNS/Indeterminate	✓		
EGFR L858R and EGFR ex19del IHCs when EGFR by WES is QNS/Indeterminate			✓
ROS1 IHC when ROS1 Fusion Analysis by WTS is QNS/Indeterminate			✓
TRK A/B/C IHC when NTRK 1, 2, and/or 3 Fusion Analysis by WTS is QNS/Indeterminate (excludes glioma)	✓		
HER2 IHC when ERBB2 CNA* is Intermediate (excludes breast, colorectal, gastric/GEJ)	✓		
HER2 IHC when HER2 CNA* is amplified	✓		
Genomic Signatures (DNA)			
MI GPSai™* (Genomic Prevalence Score) for atypical cases presentation or clinical ambiguity	✓		

Tests vary by tumor type and tissue sample quality and quantity. Before ordering testing services, please refer to the profile menu online (www.CarisMolecularIntelligence.com/profiling-menu) to view the most up-to-date listing of biomarkers that will be performed.

MMR: Mismatch Repair proteins: MLH1, MSH2, MSH6, PMS2

MSI: Microsatellite Instability (DNA)

CNA*: Copy Number Alteration (DNA)

WES: Whole Exome Sequencing (DNA)

WTS: Whole Transcriptome Sequencing (RNA)

* Not available in New York State.

To order or learn more, visit www.CarisLifeSciences.com.
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