

# The Caris Difference: Reflex Testing Menu

**Comprehensive molecular profiling from Caris Life Sciences® assesses DNA, RNA, and proteins** with multiple technologies including next-generation sequencing (whole exome sequencing [WES] for DNA, whole transcriptome sequencing [WTS] for RNA), PyroSeq, immunohistochemistry (IHC), and *in situ* hybridization (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 provides examples of reflex testing for Caris molecular profiling.

Reflex Test (Biomarkers & Platform)	Tumor Types		
	All Tumor Types	Head & Neck	Non-Small Cell Lung
<b>Chromogenic <i>in situ</i> Hybridization</b>			
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		✓	
<b>Immunohistochemistry</b>			
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	✓		
<b>Genomic Signatures (DNA)</b>			
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.CarisLifeSciences.com](http://www.CarisLifeSciences.com)) to view the most up-to-date listing of biomarkers that will be performed.

**WES:** Whole Exome Sequencing (DNA)

**WTS:** Whole Transcriptome Sequencing (RNA)

**CNA:** Copy Number Alteration (DNA)

\* Not available in New York State.

To order or learn more, visit [www.CarisLifeSciences.com](http://www.CarisLifeSciences.com).  
US: 888.979.8669 | [CustomerSupport@CarisLS.com](mailto:CustomerSupport@CarisLS.com)  
Intl: 00 41 21 533 53 00 | [InternationalSupport@CarisLS.com](mailto:InternationalSupport@CarisLS.com)

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