AmoyDx® OncoPro Flex NGS Panel

Comprehensive Liquid Biopsy NGS Profiling

Turn Plasma ctDNA into Actionable Genomic Insight

A 152-gene assay designed to move from systemic genomic profiling to therapy selection and resistance detection.

Plasma cfDNA and FFPE DNA
Systemic molecular view

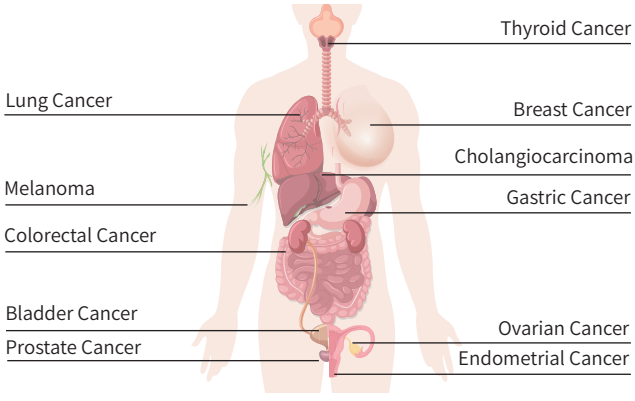
152-gene NGS
Guideline-supported and emerging targets

Actionable Insight
Therapy selection and resistance detection

Built for Real-World Precision Oncology

- Broad coverage
- Clinical actionability
- Flexible sample input
- Streamlined workflow

Broad Pan-Cancer Coverage



Major solid tumors represented in the product materials

Clinical Actionability

- **Targeted Therapy**
  Core driver mutations and fusions
- **PARP Inhibitor Eligibility**
  HRR pathway profiling, including BRCA1/2
- **Immunotherapy Readiness**
  MSI, Ultramutation-associated biomarkers
- **Pharmacogenomics**
  PGx markers including DPYD and UGT1A1

One Assay
Comprehensive coverage of high clinical relevant biomarkers in multiple solid tumors

One Workflow
Compatible with both plasma cfDNA or FFPE DNA

One Report
Automated end-to-end workflow: flexible compatibility with sequencing platforms, automated analysis and reporting

Designed to Go Beyond a Gene List

The value is not only breadth — it is the combination of coverage, sample flexibility and richer interpretation.

Gene List										
ABRAXAS1	AKT1	AKT2	AKT3	ALK	APC	AR	ARAF	ARID1A	ATM	ATR
AURKA	B2M	BAP1	BARD1	BCL2L11	BRAF	BRCA1	BRCA2	BRIP1	CCND1	CCND2
CCNE1	CD274	CDH1	CDK12	CDK4	CDK6	CDKN2A	CDKN2B	CHEK1	CHEK2	CTNNB1
CYP2D6	DDR2	DPYD	EGFR	EPCAM	ERBB2	ERBB3	ERBB4	ERCC1	ERCC2	ERCC3
ERCC4	ESR1	EZH2	FANCA	FANCD2	FANCL	FANCM	FBXW7	FGF19	FGF3	FGFR1
FGFR2	FGFR3	FGFR4	FH	GATA3	GEN1	GNA11	GNAQ	GNAS	HDAC2	HNF1A
HRAS	IDH1	IDH2	JAK1	JAK2	JAK3	KDR	KEAP1	KIT	KRAS	MAP2K1
MAP2K2	MAP2K4	MAPK1	MAPK3	MDM2	MDM4	MET	MLH1	MPL	MRE11	MSH2
MSH6	MTAP	MTOR	MUTYH	MYC	MYCN	NBN	NF1	NF2	NFE2L2	NOTCH1
NPM1	NRAS	NRG1	NTRK1	NTRK2	NTRK3	PALB2	PDCD1	PDGFRA	PIK3CA	PIK3CB
PIK3R1	PMS2	POLD1	POLE	PPARG	PTCH1	PTEN	PTPN11	RAD50	RAD51	RAD51B
RAD51C	RAD51D	RAD52	RAD54L	RAF1	RASA1	RB1	RET	RHEB	RHOA	RICTOR
RIT1	RNF43	ROS1	SETD2	SF3B1	SLX4	SMAD4	SMARCA4	SMO	STK11	TERT
TMPRSS2	TP53	TSC1	TSC2	TSHR	UGT1A1	VHL	XRCC1	XRCC2		

Streamlined Workflow from Sample to Report in 5 days



AmoyDx Nucleic Acid Extraction System

ddCAPTURE EVERY STRAND MATTERS

AmoyDx NGS Panel Library Preparation



Flexible Platform Compatibility



AmoyDx NGS Data Analysis System



AmoyDx Report Generation System

Ordering Information

Catalog Number	8.06.0230
Kit Format	24 tests/kit
Sequencers	Illumina NextSeq 500/550, NovaSeq 6000, Salus Pro
Storage & Shelf-life	-25°C to -15°C; Twelve months

For Research Use Only. Not for use in diagnostic procedures.

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