

1 TEST = 50 GENES
WITH OVER 2800 MUTATIONS

The Cancer Gene Mutation Panel (v2)

The Cancer Gene Mutation Panel provided by the Baylor Miraca Genetics Laboratories uses *Next-Generation Sequencing* to identify actionable mutations in 50 key cancer genes, many involved in prognosis and prediction of therapeutic response.

ABL1	EGFR	GNAQ	KRAS	PTPN11
AKT1	ERBB2	GNAS	MET	RB1
ALK	ERBB4	HNF1A	MLH1	RET
APC	EZH2	HRAS	MPL	SMAD4
ATM	FBXW7	IDH1	NOTCH1	SMARCB1
BRAF	FGFR1	IDH2	NPM1	SMD
CDH1	FGFR2	JAK2	NRAS	SRC
CDKN2A	FGFR3	JAK3	PDGFRA	STK11
CSF1R	FLT3	KDR	PIK3CA	TP53
CTNNB1	GNA11	KIT	PTEN	VHL

TEST DETAILS

- *Average coverage:* 2000X
- *Various specimen types:*
 - Blood or bone marrow: 3 to 5 mL
 - FFPE Slides: Five to ten 10 micron slides
 - Fine-needle aspirates
- *Turnaround time:* 10 to 14 days

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