ARCHER® VARIANTPlex® Solid Tumor Kit

The Archer® VariantPlex® Solid Tumor Kit is a targeted sequencing assay that simultaneously detects and characterizes single nucleotide variants (SNVs), copy number variations (CNVs) and insertions and deletions (indels) in 67 genes associated with solid tumors.

Highlights

Better data
AMP™ chemistry produces higher-complexity libraries for superior data

Quantitative
Molecular barcode-enabled, robust and accurate CNV calling

Lyophilized workflow
Reduce turn-around time and eliminate master mixes

Sample versatility
Purpose-built for low-input FFPE samples

Specifications

67	≥10ng	2.5M
Gene targets	Input nucleic acid required*	Recommended # of reads
2.5h	1 day	Illumina®
Hands-on time	Total time	Platform

*Input recommendations for FFPE samples vary depending on Archer Preseq® DNA QC score; 50ng input recommended in absence of PreSeq screening

Gene targets

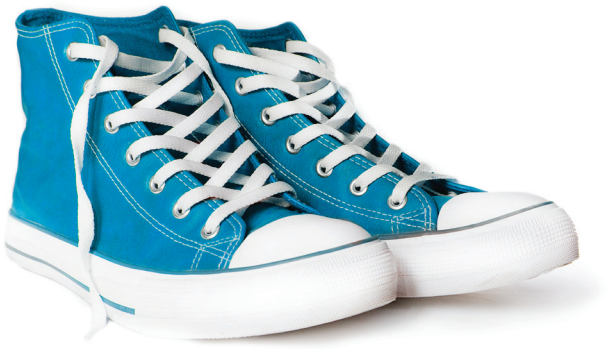
ABL1	CDK4	EZH2	H3F3A	MAP2K1	PDGFRA	SMARCB1
AKT1	CDKN2A	FBXW7	HNF1A	MDM2	PIK3CA	SMO
ALK	CSF1R	FGFR1	HRAS	MET	PIK3R1	SRC
APC	CTNNB1	FGFR2	IDH1	MLH1	PTEN	STK11
ATM	DDR2	FGFR3	IDH2	MPL	PTPN11	TERT
AURKA	EGFR	FLT3	JAK2	MYC	RB1	TP53
BRAF	ERBB2	FOXL2	JAK3	MYCN	RET	VHL
CCND1	ERBB3	GNA11	KDR	NOTCH1	RHOA	
CCNE1	ERBB4	GNAQ	KIT	NPM1	ROS1	
CDH1	ESR1	GNAS	KRAS	NRAS	SMAD4	

Legend
SNV or indel
CNV

Product information

Illumina

AB0076 — 8 reactions
AB0078 — 16-reaction starter
AB0080 — 48 reactions



does not
One size fits all.

Want to customize? Combine any of hundreds of wet lab-validated designs or modify an existing Archer panel with **Archer Assay Designer**, the premiere online design tool to build an assay that fits your exact requirements.

Learn more at archerdx.com/solid-tumor

ARCHER®

RUO For research use only. Not for use in diagnostic procedures.