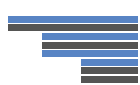


# ARCHER<sup>®</sup> VARIANTPlex<sup>®</sup> Solid Tumor Kit



The Archer<sup>®</sup> VariantPlex<sup>®</sup> 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<sup>™</sup> 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

Gene targets

≥10ng

Input nucleic acid required\*

2.5M

Recommended # of reads

2.5h

Hands-on time

1 day

Total time



Illumina<sup>®</sup>

Platform

\*Input recommendations for FFPE samples vary depending on Archer Preseq<sup>®</sup> 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



One size <sup>does not</sup> 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](https://archerdx.com/solid-tumor)



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

©2018 ArcherDX, Inc. All rights reserved. Archer®, VariantPlex®, PreSeq® and AMP™ are trademarks of ArcherDX, Inc. Illumina® is a registered trademark of Illumina, Inc.

APM034.B