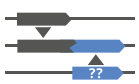


ARCHER® FUSIONPlex® Sarcoma Kit



The Archer® FusionPlex® Sarcoma kit is a targeted sequencing assay to simultaneously detect and identify fusions of 26 genes associated with soft tissue cancers. Using Archer's proprietary Anchored Multiplex PCR (AMP™)-based enrichment, fusions of all genes in this kit can be identified in a single sequencing assay, even without prior knowledge of fusion partners or breakpoints.

Highlights



Comprehensive fusion detection
Identify multiple sarcoma-related fusions in a single assay



Sample versatility
Purpose-built for low-input FFPE samples



Lyophilized workflow
Reduce turn-around time and eliminate master mixes



Future-proof
Add targets without sacrificing sample performance

Specifications

26

Gene targets

≥10ng

Input nucleic acid required*

1.5M

Recommended # of reads

2.5h

Hands-on time

9h

Total time

Illumina® & Ion Torrent™

Platforms

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

Gene targets

ALK	FOXO1	MKL2	SS18	USP6
CAMTA1	FUS	NCOA2	STAT6	YWHAE
CCNB3	GLI1	NTRK3	TAF15	
CIC	HMGA2	PDGFB	TCF12	
EPC1	JAZF1	PLAG1	TFE3	
EWSR1	MEAF6	ROS1	TFG	

Legend
● Fusion, splicing or exon skipping

Product information

Illumina

AB0003 — 8 reactions
AB0025 — 16-reaction starter
AB0055 — 48 reactions

Ion Torrent

AB0004 — 8 reactions
AB0026 — 16-reaction starter
AB0056 — 48 reactions



One size ^{does not} 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



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