

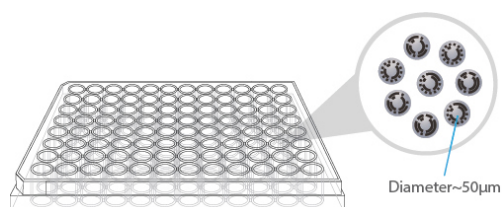


IntelliPlex™ ALK Rearrangement Kit

The IntelliPlex™ ALK Rearrangement Kit is a qualitative molecular assay for the detection of clinically actionable gene rearrangements of the ALK gene. A total of 24 rearrangements can be identified in a single well by using π Code™ MicroDisc and one-step RT-PCR technologies.

SINGLE-WELL MULTIPLEXING

π Code™ technology enables multiplexing with ease. Each π Code™ MicroDisc has a distinct image pattern and is coupled to a unique probe, allowing the capture and detection of multiple targets in a single well.



ALK (24 Variants)

FUSION VARIANT	INFERRED BREAKPOINT	FUSION VARIANT	INFERRED BREAKPOINT
EML4-ALK A19	E6:A19	EML4-ALK V7	E14:del12A20
EML4-ALK V1	E13:A20	EML4-ALK V8a	E17:isn30A20
EML4-ALK V2	E20:A20	EML4-ALK V8b	E17ins61:ins34A20
EML4-ALK V3a	E6:A20	EML4-ALK i2	E14isn2:isn56A20
EML4-ALK V3b	E6ins33:A20	EML4-ALK i18	E20:isn18A20
EML4-ALK V3c	E6ins18:A20	EML4-ALK i53	E3:ins53A20
EML4-ALK V4	E14:ins11del49A20	EML4-ALK i68	E17:isn68A20
EML4-ALK V"4"	E15del60:del71A20	KIF5B-ALK V1	K24:A20
EML4-ALK V5a	E2b:A20	KIF5B-ALK V2	K15:A20
EML4-ALK V5b	E2:ins117A20	TFG-ALK V1	T4:A20
EML4-ALK V"5"	E18:A20	TFG-ALK V2	T5:A20
EML4-ALK V6	E13:ins69A20	TFG-ALK V3	T6:A20

PRODUCT HIGHLIGHTS

- Single-well multiplex detection
- High sensitivity (5-1209 copies)
- Low RNA sample input (≥ 50 ng)
- < 6 hrs turnaround time (sample preparation included)

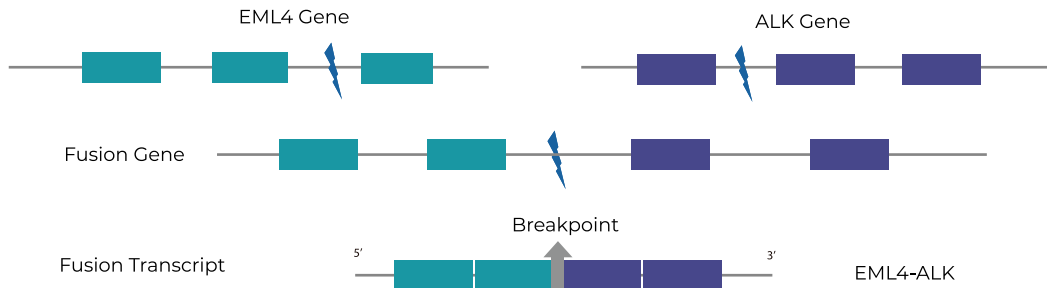
INSTRUMENTATION

- DigiPlex™ Thermocycler
- IntelliPlex™ 1000 π Code Processor
- PlexBio™ 100 Fluorescent Analyzer

SPECIMEN

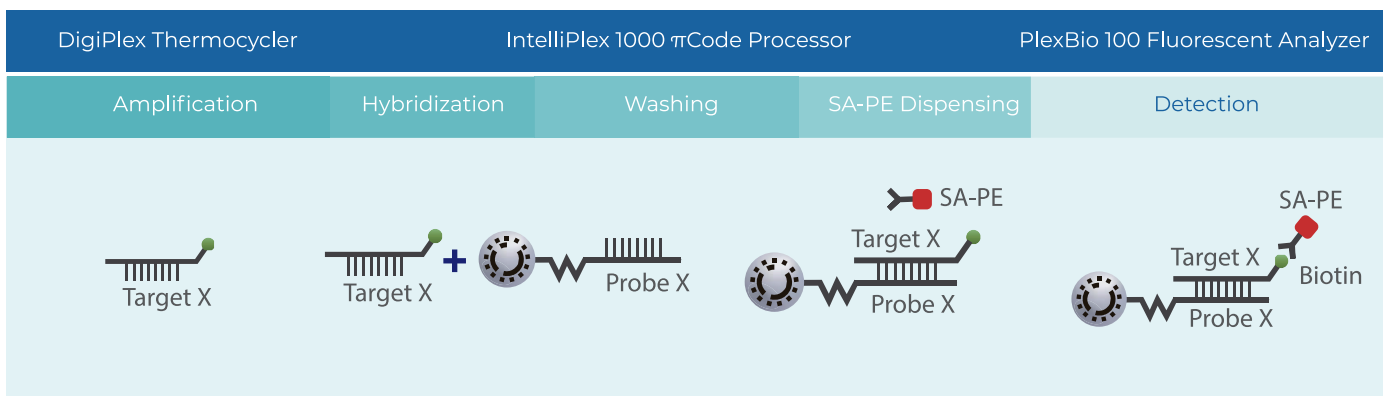
- FFPE

FUSION TRANSCRIPT DETECTION



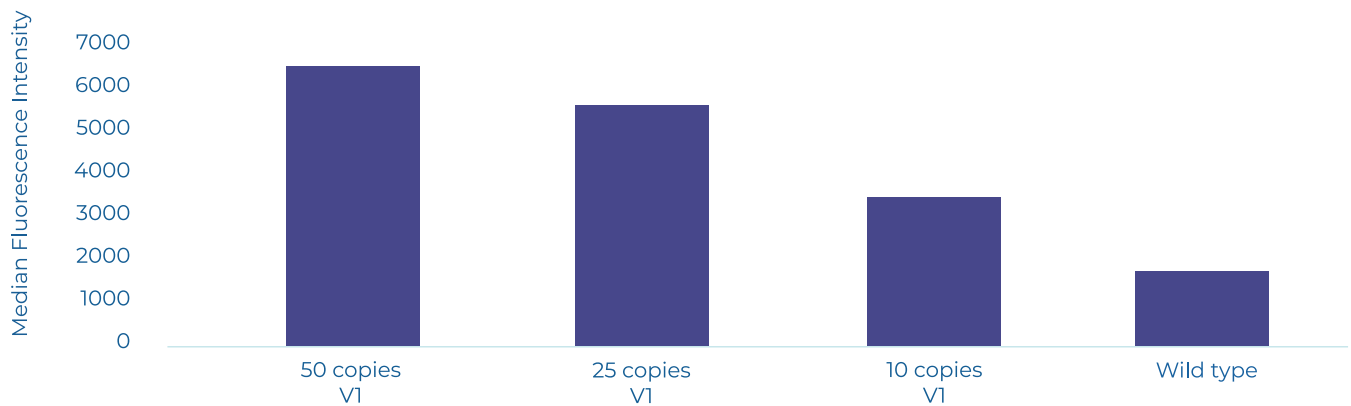
ASSAY WORKFLOW

A seamless multiplexing workflow results in highly sensitive mutation discrimination with minimal hands on time.



PERFORMANCE DATA

Detection of small amounts of variant among wild type.



ORDER INFORMATION

CATEGORY	PRODUCT NAME	PACKAGE VOLUME	CAT. NO
ASSAY KIT	IntelliPlex™ ALK Rearrangement Kit	24 rxns	82023



Order Info : order@plexbio.com
 General Info : marketing@plexbio.com
www.plexbio.com

