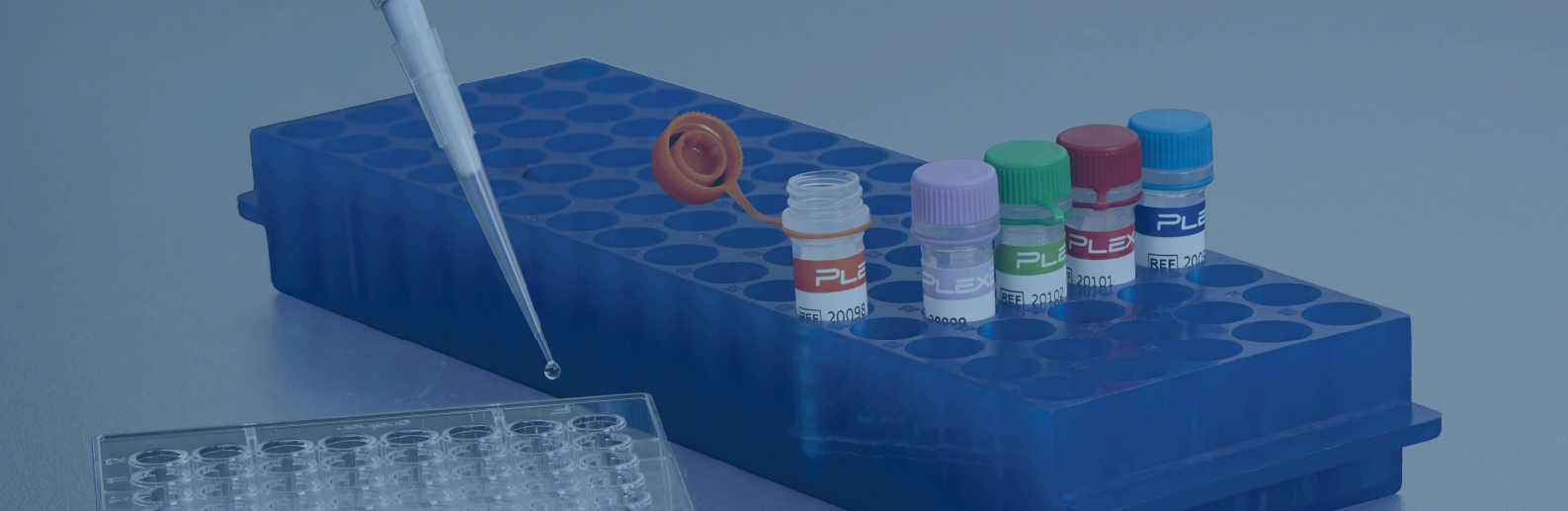


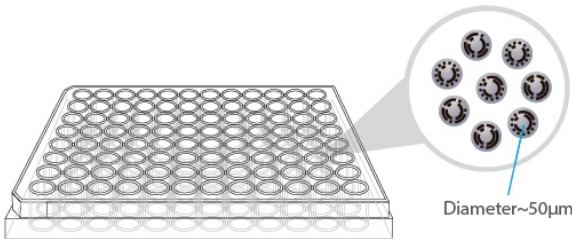


IntelliPlex™ EGFR Mutation Kit

The IntelliPlex™ EGFR Mutation Kit is a qualitative molecular assay for the detection of clinically actionable somatic mutations on exons 12 and 18-21 of the EGFR gene. A total of 40 mutations can be identified in a single well by using π Code™ MicroDisc and SelectAmp 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.



EGFR (40 MUTATIONS)

EXON	AMINO ACID CHANGE
EXON 12	S492R
EXON 18	G719S, G719C, G719A
EXON 19	L747_T751>S, L747_E749delLRE, E746_S752>D, E746_A750delELREA
	E746_A750delELREA, L747_T751delLREAT, L747_T751delLREAT,
	L747_T751delLREAT, L747_T752delLREATS, E746_S752>A
	L747_P753>S, L747_A750>P, L747_A751>P, E746_S752>V
	E746_S752>I, E746_T751>V, L747_P753>Q, L747_S752>Q
	E746_T751>VA, L747_T751>Q, L747_A750>P, E746_T751>A
	E746_T751delELREAT, E746_A750>IP, E746_T751>I, E746_T751>IP
	E746_P753>VS, K745_E749del
EXON 20	T790M, S768I, V769_D770insASV, H773_V774insH, D770_N771insG
EXON 21	L861Q, L858R(T>G), L858R(TG>GT)

PRODUCT HIGHLIGHTS

- Single-well multiplex detection
- High sensitivity (0.5~2.9%)
- Low DNA sample input (10ng)
- < 6 hrs turnaround time (sample preparation included)

INSTRUMENTATION

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

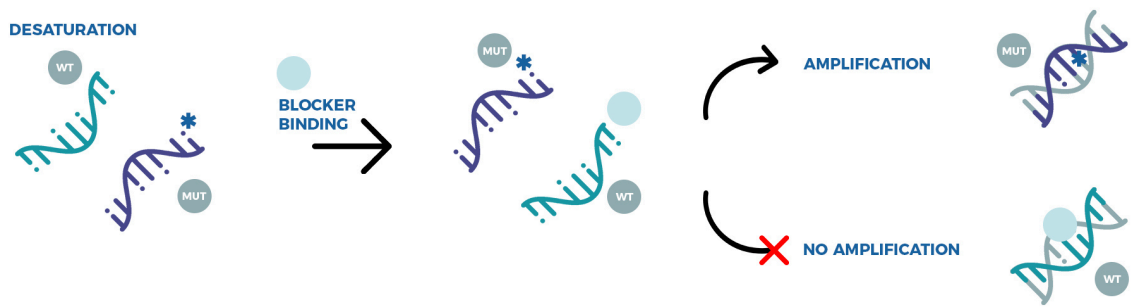
SPECIMEN

- FFPE



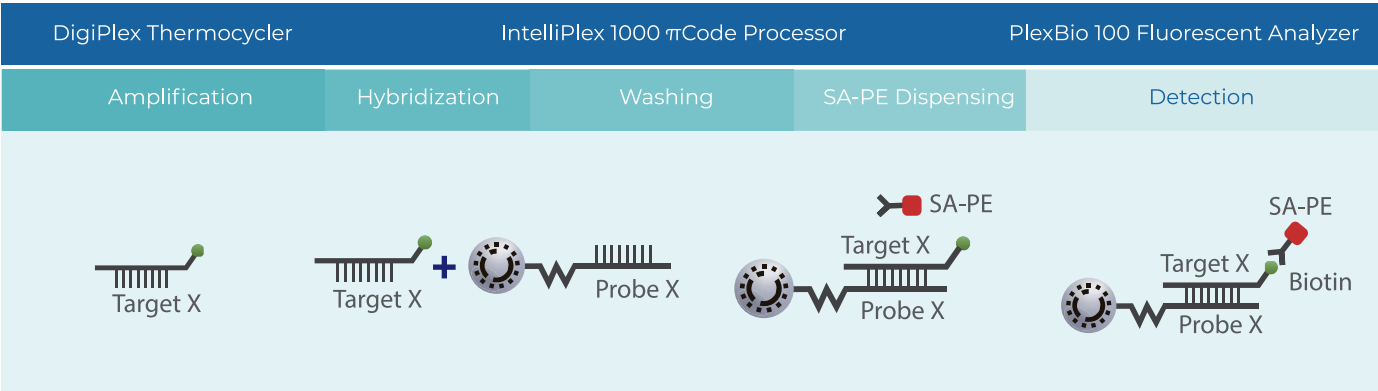
SELECTAMP PCR TECHNOLOGY

Selective amplification of mutant DNA enhances detection sensitivity.



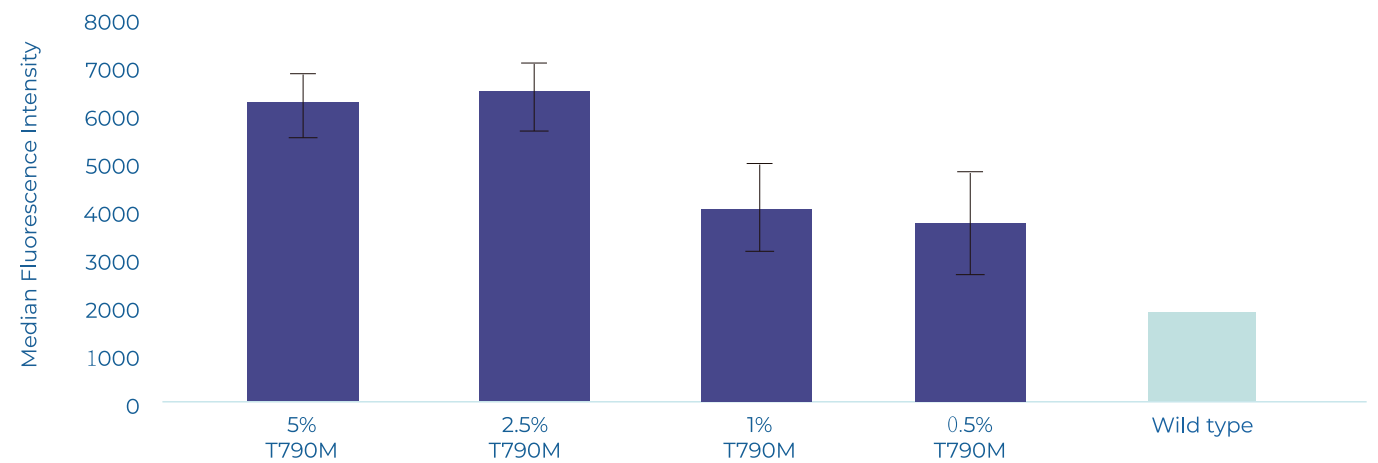
ASSAY WORKFLOW

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



PERFORMANCE DATA

Detection of small amounts of mutant among wild type DNA.



ORDER INFORMATION

CATEGORY	PRODUCT NAME	PACKAGE VOLUME	CAT. NO
ASSAY KIT	IntelliPlex™ EGFR Mutation Kit	24 rxns	82006



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

