

About DiaCarta

QClamp™ Patented XNA Clamping Real-Time PCR Technology

Assay Highlights

- ◆ No DNA extraction, No dewaxing
- ◆ qPCR directly from lysate
- ◆ Only about 2 hours from start to finish
- ◆ Highly specific and sensitive (below 0.1% mutated DNA)
- ◆ Compatible with commercial available Real-Time PCR machines
- ◆ Robust, reliable and low cost
- ◆ Dramatic result never before seen (ΔCq Mutant > 10)
- ◆ Validated with gDNA reference powered by Horizon Diagnostics

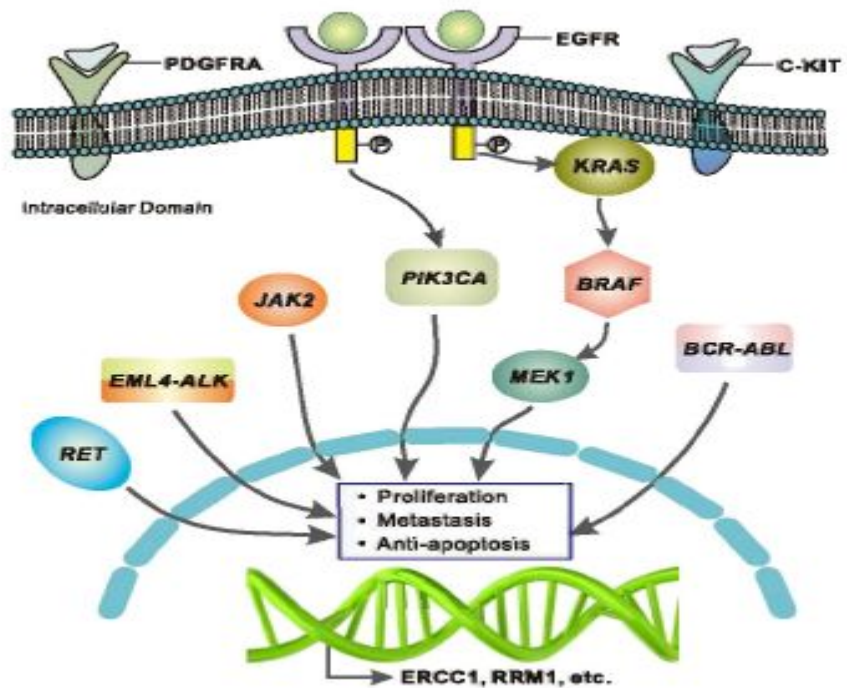
Contact |

order@diacarta.com
 Call: 510-314-8858
 Fax: 510-735-8636
 www.diacarta.com

QClamp™ Gene Mutation Tests: Below 0.1% Mutated DNA in 2 Hours

QClamp™ is a revolutionary new way to screen for somatic mutations, which utilizes a sequence specific wild-type template xeno-nucleic acid "Clamp" (XNA) that suppresses PCR amplification of wild-type template DNA and allows selective PCR amplification of only mutant templates. This allows the detection of mutant DNA in the presence of a large excess of wild-type template from any sample including FFPE.

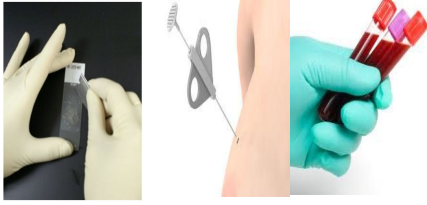
Kits are manufactured in an ISO 13485-certified, GMP Compliant facility.



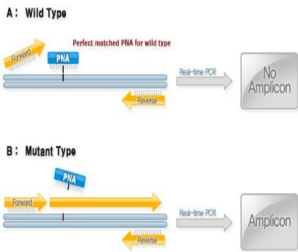
DiaCarta Products in Cancer Signaling Pathways

DiaCarta Inc. 3535 Breakwater Ave., Hayward, CA94545

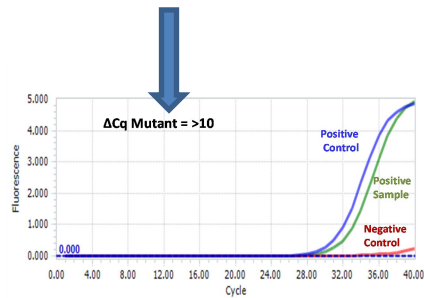
No DNA Extraction
No Dewaxing



XNA Mix **30 min**



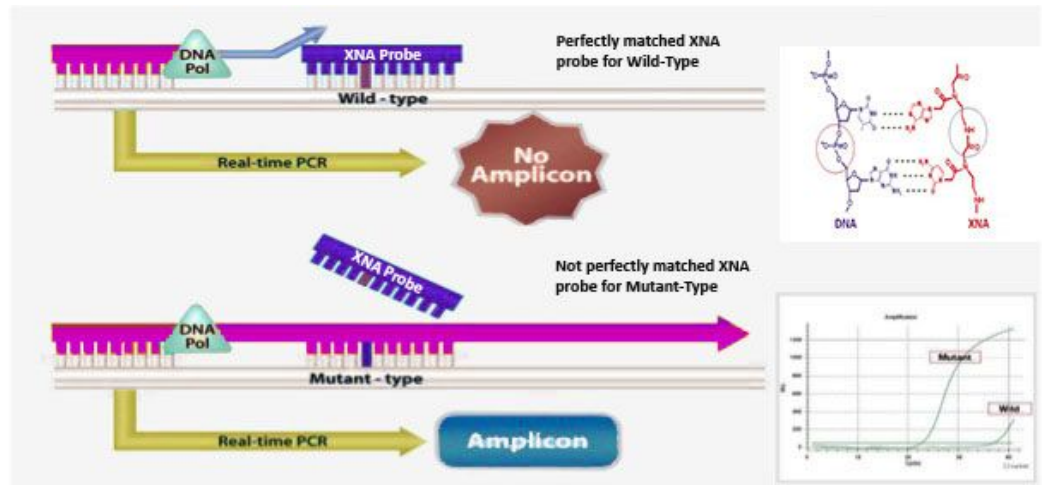
qPCR **1.5 hours**



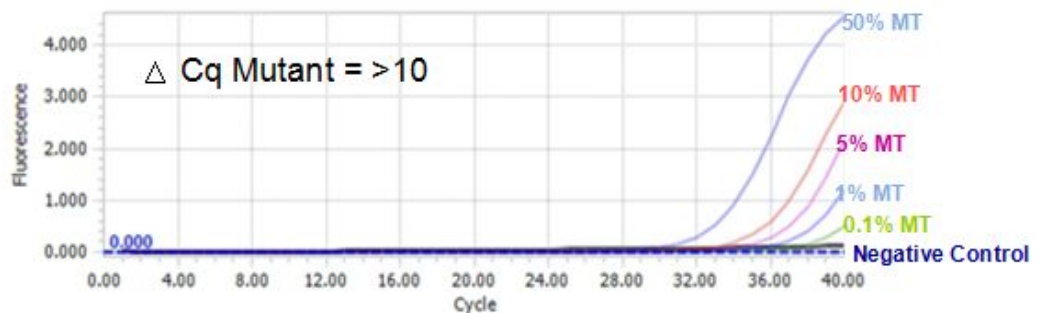
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Test Target	Mutations Detected	Cat#	Kit Size
KRAS Mutation Test	Exons 2 and 3	DC-10-0036	30 tests
KRAS Mutation Test	Exons 2, 3, and 4	DC-10-0070	30 tests
NRAS Mutation Test	Exons 2 and 3	DC-10-0048	30 tests
NRAS Mutation Test	Exons 2, 3, and 4	DC-10-0172	30 tests
BRAF Mutation Test	Exon 15, Codon 600	DC-10-0064	30 tests
JAK2 Mutation Test	Exon 25	DC-10-0136	30 tests
EGFR Mutation Test	Exons 18, 19, 20 and 21	DC-10-0015	30 tests
ALK Mutation Test	Exons 23 and 25	DC-10-0084	30 tests
PIK3CA Mutation Test	Exons 9 and 20	DC-10-0072	30 tests
c-KIT NRAS Mutation	Exons 8, 9, 11, and 17	DC-10-0139	30 tests

QClamp™ XNA Technology: Suppresses wild-type template DNA and allows selective PCR amplification of only mutant amplification



QClamp™ Detects below 0.1% Mutated DNA



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