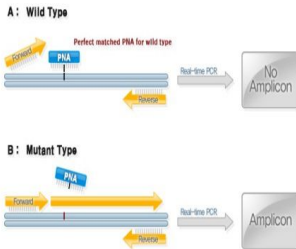


**Directly from Blood
No DNA Extraction**



XNA Mix (30 min)



1.5 hours

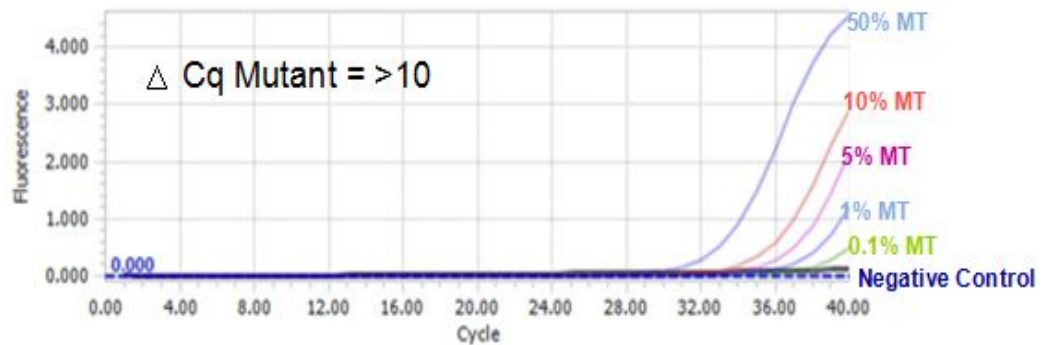


QClamp™ JAK2 Mutation Test: Below 0.1% Mutated DNA in 2 Hours

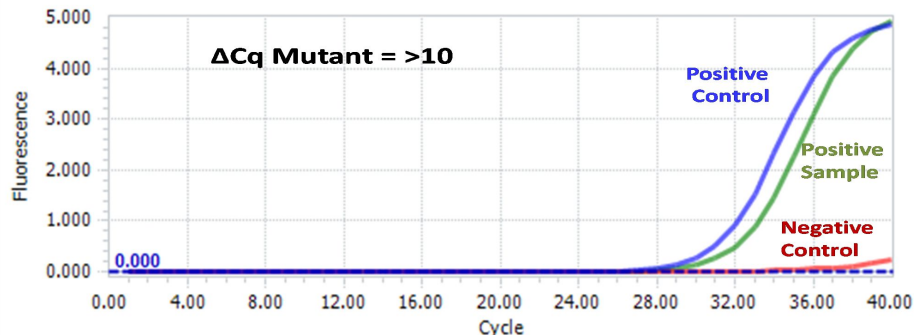
QClamp™ is a revolutionary new way to screen for somatic mutations, which utilizes a sequence specific wild-type template xeno-nucleic acid "Clamp" (XNA) that suppresses PCR amplification of wild-type template DNA and allows selective PCR amplification of only mutant templates. This allows the detection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

Kits are manufactured ISO 13485-certified, GMP Compliant

QClamp™ Detects below 0.1% Mutated DNA

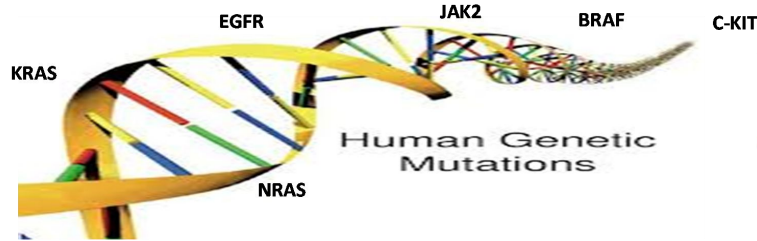


Dramatic Results Never Before Seen!



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Fax: 510-735-8636
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**No DNA Extraction
No Dewaxing**

QClamp™ KRAS G12D Genotyping Test: Below 0.1% Mutated DNA in 2 Hours



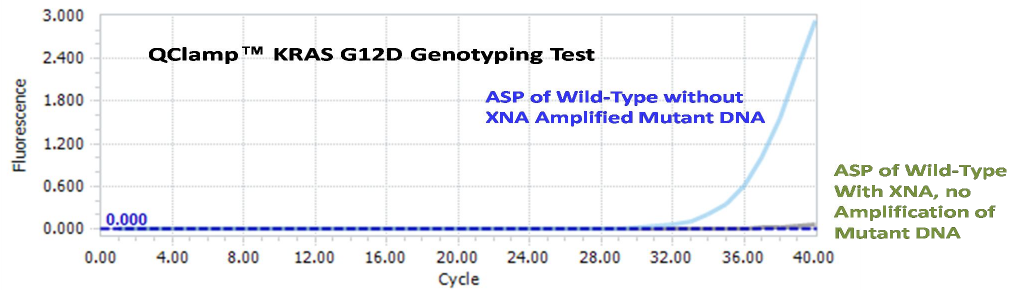
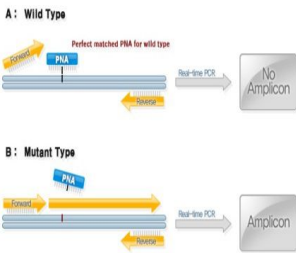
QClamp™ is a revolutionary new way to screen for somatic mutations, which utilizes a sequence specific wild-type template xeno-nucleic acid "Clamp" (XNA) that suppresses PCR amplification of wild-type template DNA and allows selective PCR amplification of only mutant templates. This allows the detection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

Kits are manufactured ISO 13485-certified, GMP Compliant

Why Choose QClamp™ Test over allele specific primer (ASP) Mutation Test?

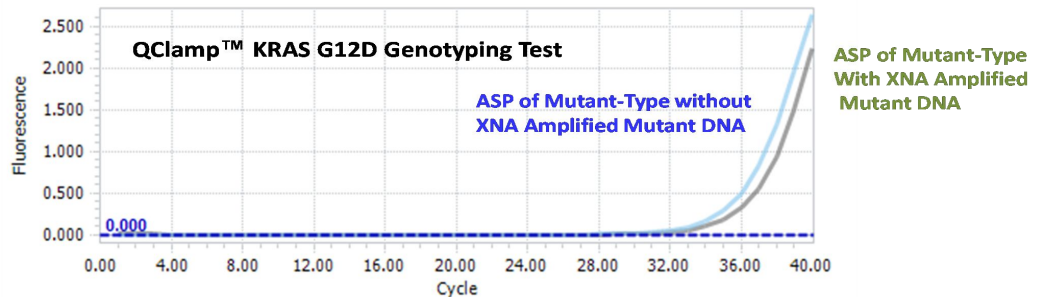
KRAS c12 Wild type primer: - XNA Cq = 33.99, +XNA Cq = >40
Wild type primer unable to amplify mutant template in presence of XNA clamp

XNA Mix (30 min)



KRAS c12 G12D Mutant primer: - XNA Cq = 34.35, +XNA Cq = 35.23
Mutant primer amplifies mutant template in presence of XNA clamp

1.5 hours



QClamp™ Mutation Tests are Much More Specific and Reliable!

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