

# EGFR T790M Mutation Detection in Circulating Tumor DNA by Digital Droplet PCR (ARUP Test Code 2012868)

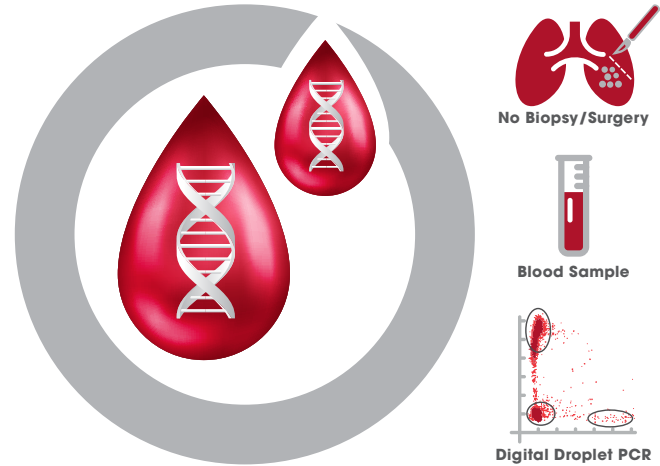
Circulating tumor DNA (ctDNA) testing provides a rapid, minimally invasive blood test alternative to traditional biopsy or resection tissue analysis.

This test is ideally suited for testing blood plasma or cerebrospinal fluid to:

- Detect *EGFR* T790M mutation (associated with acquired drug resistance) at progression or recurrence of non-small cell lung adenocarcinoma treated with *EGFR* tyrosine kinase inhibitor (TKI).
- Provide quantitative, highly-sensitive (0.5–<0.01% mutant allele frequency\*) monitoring of therapeutic response or disease progression in patients treated with *EGFR* T790M-specific TKIs.

\* Based on the amount of amplifiable ctDNA, the limit of detection ranges from 0.5% to less than 0.01% mutant alleles.

## EGFR T790M MUTATION DETECTION IN CIRCULATING TUMOR DNA



For more information about *EGFR* T790M Mutation Detection in Circulating Tumor DNA, visit:

[aruplab.com/T790M](http://aruplab.com/T790M)

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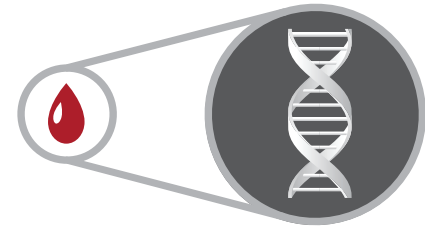
# ***BRAF* V600E Mutation Detection in Circulating Cell- Free DNA by Digital Droplet PCR (ARUP Test Code 2013921)**

This test is ideally suited for testing blood plasma to:

- Determine *BRAF* V600E mutation status in patients with solid tumors to select candidates for targeted therapy with kinase inhibitors (*BRAF* and/or *MEK*).
- Provide quantitative, highly-sensitive (0.5–<0.01% mutant allele frequency\*) monitoring of response to therapy and disease progression in patients with solid tumors carrying *BRAF* V600E mutation.

\*Based upon the amount of amplifiable ctDNA, the limit of detection ranges from 0.5% to less than 0.01% mutant alleles.

## ***BRAF* V600E MUTATION DETECTION IN CIRCULATING TUMOR DNA**



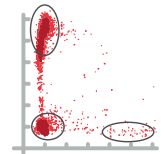
**VEIN**



**No Biopsy/Surgery**



**Blood Sample**



**Digital Droplet PCR**

For more information about *BRAF* V600E  
Mutation Detection in Circulating Cell-Free DNA, visit:

**[aruplab.com/2013921](http://aruplab.com/2013921)**

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