



Revolutionary Non-Invasive Cancer Testing

IvyGeneLabs.com

IvyGene: Non-Invasive Cancer Testing

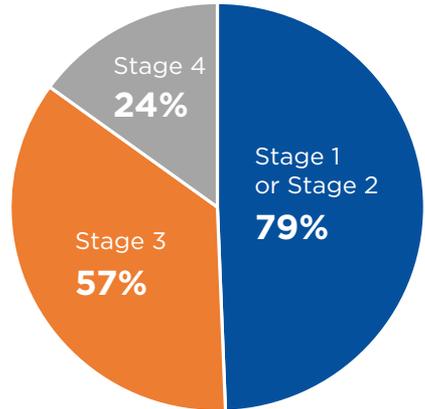
Every day thousands of people in the USA alone are beginning to fight cancer. In 2016, more than 4,600 individuals in the U.S. were diagnosed with cancer daily. The first step to fighting cancer is identifying its presence early, which can be a difficult and frustrating process.

IvyGene is a blood test able to identify the presence of malignant cancer and quantify cancer presence.

IvyGene is a liquid biopsy that identifies the presence of malignant cancer in whole blood. A highly accurate and sensitive test, the IvyGene test is a non-invasive tool to aid physicians in identifying malignant cancer presence.

According to studies performed by the National Cancer Institute and the American Cancer Society, individuals who identified 25 different types of

Chances of Survival



**Information drawn from the NCI and ACS websites.*

cancer earlier had a greater chance of survival.

In combination with diagnostic tests, the IvyGene test is another step towards winning the battle with cancer.



How Does IvyGene Work?

IvyGene utilizes ctDNA (circulating tumor DNA) methylation patterns in order to identify the presence of malignant cancer. Methylation occurs when a methyl group (-CH₃) is bonded to a Cytosine nucleotide in DNA. By identifying ctDNA methylation patterns, scientists can compare individual methylation patterns against a known database of methylation patterns, consistent with malignant cancer.



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Uses of IvyGene:

IvyGene is intended to be used in conjunction with other diagnostic and confirmatory tests.

- Abnormal mammogram
- Suspicious PET scan
- High PSA
- Positive BRCCA 1&2
- Biopsy

How is this different from other DNA tests?

Many DNA tests identify the “propensity to have” or the “likelihood” that cancer will occur.

IvyGene identifies actual disease presence.

Why IvyGene?

Non-Invasive

Malignant Cancer Presence

Quantification

5-Day Results

IvyGene May Also Be Used for Certain Situations:

- High risk population
- Supplementing other diagnostic tests
- Quantifying cancer levels
- Monitoring for recurrence

Unlike many diagnostic tests, IvyGene is not measuring a substance normally present in the blood. IvyGene identifies ctDNA Methylation patterns of malignant cancer.

Call or Visit Our Website to Order a Test Kit Today!

IvyGene meets all FDA guidelines as a Laboratory Developed Test, CLIA certified, CAP accredited.

A large-scale clinical trial to demonstrate the efficacy of IvyGene as a cancer screening test has not been completed. Cancer screening is not an approved utility of the IvyGene test. The IvyGene test is a confirmatory test that is intended to be used by the ordering physician in conjunction with the patient's complete medical history and the results of standard of care testing. Cancers progress at varying rates and therefore, the frequency of diagnostic testing is subject to the ordering physician's clinical judgement.

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