CTCatch™ Test Process

1. Consult your physicians about CTCatch™ test
2. Collect 7.5mL whole blood
3. Analyze samples in Abnova Diagnostics Japan lab
4. Generate your report in 7 days
5. View test results under physician guidance

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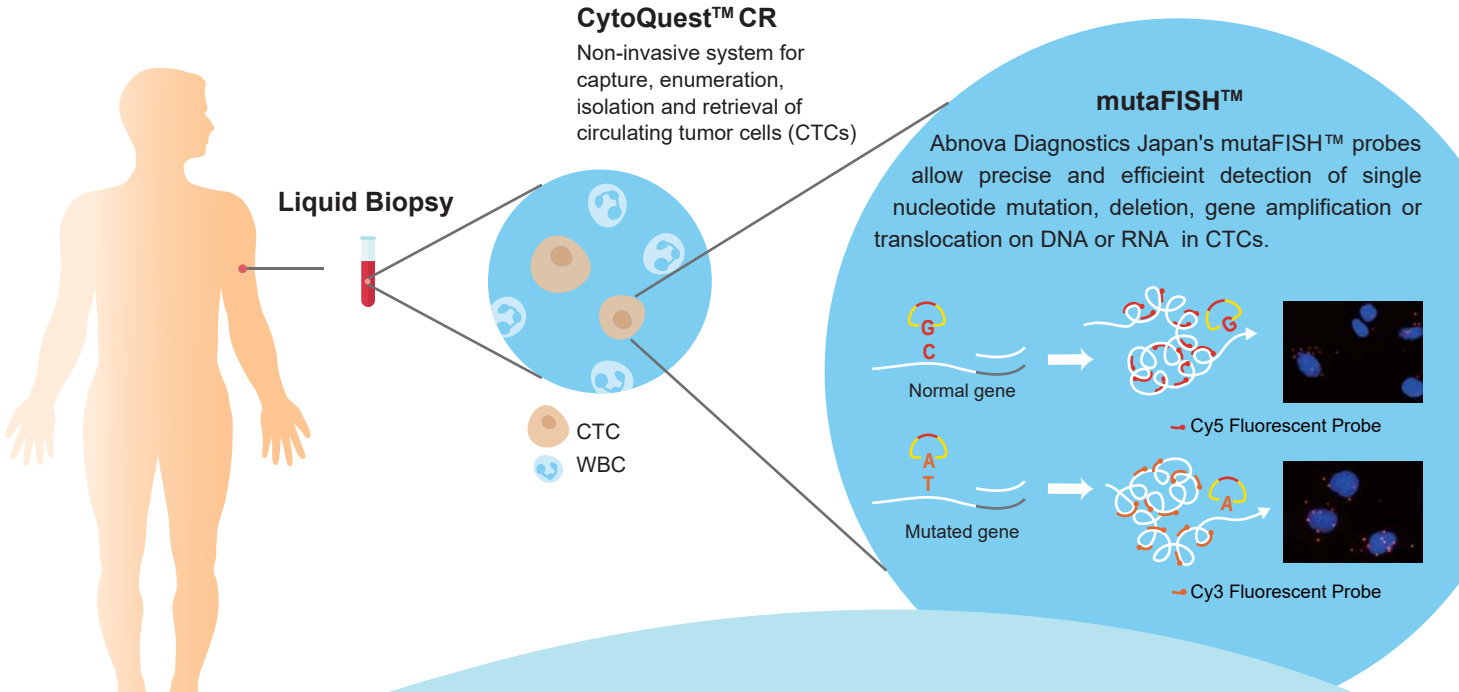
mutaFISH™

(mutation-specific Fluorescence *In Situ* Hybridization) for CTCs

Abnova Diagnostics Japan
CTCatch™ Test



Q What are mutaFISH™ probes?

A Traditional FISH probe products detect long fragments of genetic variations inculding genes amplification, gene split or gene translocation. However, many critical genetic changes of cancers are also associated with single nucleotide mutations. Abnova's mutaFISH™ probes are designed to detect single nucleotide mutation on DNA or RNA with high sensitivity and accuracy. The mutaFISH™ results are easy to access by using epifluorescence microscope; it overall shortens the time from processing to interpretation.

> “Abnova Diagnostics Japan provides integrated solutions for capture, enumeration, isolation and retrieval of CTCs.”

Q What causes gene variations?

A Genetic inheritance, carcinogens or DNA repair-deficiency are major causes of genetic variations.

Q What is the relationship between gene mutaiton and cancer?

A Cells rely on the correct genetic coding to maintain normal function, genetic mutation can cause cells to evade normal growth controls and become cancer.

Q Why should people consider to take genetic tests?

A Genetic variations influence response of cancer drugs. Information about genetic variations in cancer cells is helpful in diagnosis and drug selection in precision medicine.