CytoTest®

Premium **FISH** for Quality of Lives

ENGLISH

For Professional Use Only

ABL2 Break Apart FISH Probe Kit

Introduction

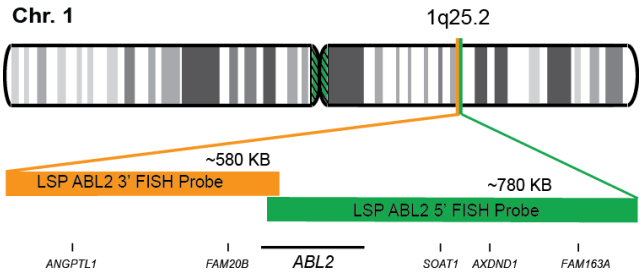
The *ABL2* Break Apart FISH Probe Kit is designed to detect rearrangements in the human *ABL2* locus mapping to chromosome band 1q25.2. In addition to revealing breaks, which can lead to translocation of parts of the gene, inversion, or its fusion to other genes, the probe set can also be used to identify other *ABL2* aberrations such as deletions or amplifications. Rearrangements and abnormal expression of the *ABL2* gene – also known as *ARG* or *ABLL* - have been observed in acute non-lymphocytic leukemia (AML) patients, some acute lymphocytic T-cell lines, and other malignancies.

Intended_Use

To detect rearrangements in the human *ABL2* locus situated on chromosome band 1q25.2.

Cont.	Color
LSP ABL2 5' FISH Probe	CytoGreen
LSP ABL2 3' FISH Probe	CytoOrange

Probe Design



Not to Scale

LSP ABL2 5' FISH Probe covers the 5' (start) portion of the *ABL2* locus and some adjacent genomic sequences. LSP ABL2 3' FISH Probe covers sequences at the 3' (end) of the gene. The two probes are flanking sequences across the *ABL2* locus in which variable breakpoints have been observed.

Cat. No.	Volume
CT-PAC342-10-GO	10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns	Abnormal Patterns
2F	Other Patterns

1) Cazzaniga G, et al. Blood 94(12):4370-4373 (1999).
2) Kruh GD, et al. Science 234(4783):1545-1548 (1986).
3) Kruh GD, et al. Proc. Natl. Acad. Sci. USA 87(15):5802-5806 (1990).
4) Raca G, et al. Leuk. Lymphoma 56(4):1145-7 (2015).
5) Boer JM, den Boer ML. Eur. J. Cancer 82:203-18 (2017).

-25°C -15°C CE IVD

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* CE IVD only available in certain countries. All other countries are either ASR or RUO. Please contact your local dealer or our headquarters for more information.

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