

# QUAN Dx<sup>®</sup>

MOLECULAR DIAGNOSTICS INNOVATOR

## ALL Q-FUSION SCREENING KIT

### FUSION GENE DETECTION

The ability to detect cancer specific fusion genes for Acute Lymphoblastic Leukemia (ALL) can ensure optimal treatment selection and appropriate disease monitoring. While detection of fusion genes is critical in both research and clinical settings, current methodologies to detect such fusion genes have a number of shortcomings.

QuanDx's ALL Q-Fusion Screening Kit offers a novel methodology for the detection of ALL fusion genes, providing rapid results for a fraction of the cost of traditional methodologies like FISH. In addition to being faster and more cost effective than other methods of detection, the ALL Q-Fusion Screening Kit, which relies on QuanDx's proprietary Yin-Yang probe technology, reduces the complexity involved with testing and can be easily performed for routine screening.

### KEY FEATURES

- **Multiplexing:** Allows simultaneous detection of 16 fusion genes with 71 breakpoints.
- **Compatibility:** Compatible with most current real-time qPCR instruments.
- **Rapid:** Results can be obtained in 2-4 hours.
- **Simple:** Easy to perform for routine screening.
- **Cost Effective:** Can be performed for a fraction of the cost of FISH.

### PRODUCT SPECIFICATIONS

<b>FUSION VARIANTS</b>	MLL-AF4, TEL-AML1, MLL-ENL, E2A-PBX1, BCR-ABL P210, BCR-ABL P190, SIL-TAL1, E2A-HLF, MLL-AF6, CALM-AF10, HOX11, HOX11L2, MLL-AF10, SET-CAN, TEL-ABL1, TLS-ERG, NPM-ALK
<b>SAMPLE TYPES</b>	Bone marrow, peripheral blood, FFPE, and cell lines
<b>REACTION TIME</b>	2-4 hours
<b>INTERNAL CONTROL</b>	GUSB internal control, one positive control and one negative control
<b>INSTRUMENTS</b>	Compatible with Bio-Rad CFX96, iCycler, ABI7500, Stratagene Mx3000P/Mx3005P, and other commonly used RT-qPCR instruments
<b>DETECTION CHANNELS</b>	FAM, HEX, ROX

## ORDERING INFORMATION

### ALL Q-FUSION SCREENING KIT

Cat. No.	Description	Size
1-100-30010	ALL Q-Fusion Screening Kit	10 reactions

Research Use Only. Not intended for use in diagnostic procedures.



Learn More at  
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