

LSP ASS1 FISH Probe

Introduction

The ASS1 FISH Probe is designed to detect the human ASS1 gene located on chromosome band 9q34.11. Abnormal expression of the ASS1 gene is present in virtually all cases of chronic myelocytic leukemia (CML), but also occurs in a subset of pediatric and adult acute lymphocytic leukemias (ALL), acute myelogenous leukemia (AML) and other malignancies.

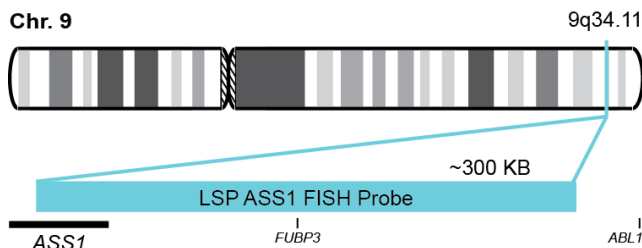
Intended Use

To measure the copy number of the human ASS1 gene located on chromosome band 9q34.11.

Cont.	Color
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LSP ASS1 FISH Probe	CytoAqua
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Probe Design



LSP ASS1 FISH Probe covers a chromosomal region which includes the entire ASS1 gene.

Not to Scale

Cat. No.	Volume
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CT-LSP204-10-A	10 Tests (100 µL)
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Signal Pattern Interpretation

Normal Patterns	Abnormal Patterns
2A	Other Patterns

1) Ernst T, et al. *Hematol Oncol Clin North Am.* 25(5):997-1008, v-vi (2011).
 2) Nowell PC, Hungerford DA. *J Natl Cancer Inst.* 25:85-109 (1960).
 3) Rowley JD. *Nature.* 243(5405):290-3 (1973).
 4) Landstrom AP & Tefferi A. *Leuk Lymphoma.* 47(3):397-402 (2006).
 5) Druker BJ, et al. *N Engl J Med.* 355(23):2408-17 (2006).

* 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.

