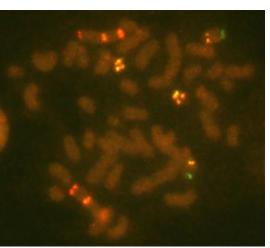


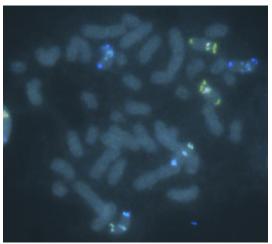
## MULTIPLEX METAPHASE CHROMOSOME PROFILING Acute Lymphocytic Leukemia

## Multiplex ALL - Metaphase Chromosome Profiling

- Detects all numerical and structural abnormalities identified in conventional cytogenetic and FISH studies
- Detects cryptic rearrangements, balanced and unbalanced missed by cytogenetics and FISH
- Detects novel terminal deletions, including IgH variable region
- Detects all clinically relevant deletions and duplications/amplifications
- Analysis time is significantly reduced



[Mix 1 viewed under Green/Red filter]



[Mix 1 viewed under Aqua/Gold filter]

DESIGN					
reen R	Gr Hybri	d Gold	Aqua	a G/A Hyb	oric
Mix 1	Mix 2	Mix 3	Mix 4	Mix 5**	
2	1	4	7	9p21.3	
14	12	10	16	6q21	
22	17	Y	13	13q14.2	
8	Х	5	3	21q22.12	
9	19	6	18	Xp22.33	
11	21	20	15		
	Mix 1 2 14 22 8 9	R/Gr Hybri   Mix 1 Mix 2   2 1   14 12   22 17   8 X   9 19	Mix 1   Mix 2   Mix 3     2   1   4     14   12   10     22   17   Y     8   X   5     9   19   6	Mix 1   Mix 2   Mix 3   Mix 4     2   1   4   7     14   12   10   16     22   17   Y   13     8   X   5   3     9   19   6   18	R/Gr Hybrid   Gold   Aqua   G/A Hybrid     Mix 1   Mix 2   Mix 3   Mix 4   Mix 5**     2   1   4   7   9p21.3     14   12   10   16   6q21     22   17   Y   13   13q14.2     8   X   5   3   21q22.12     9   19   6   18   Xp22.33

\*\*For deletions/duplications

Catalog number: ALL-1\* Probe name: Multiplex ALL-1 ASR\*

## **TECHNICAL SPECIFICATIONS**

Method: Metaphase Multiplex FISH Denaturation: 82°C, 2 min Hybridization time: 45°C [15 min to 16 hr.] No. cells analyzed: 20

Detection: Two dual-color filters (Chroma Technologies Inc.) Green/Red - #59010 (Analysis on the microscope) Aqua/Gold - #59033 (Analysis off the monitor) Camera: 5MP Color CCD for fluorescence microscopy

\*For a full list of our products, please see our website

## Literature

ALL-ICP, a simple and comprehensive method to detect chromosome abnormalities in Acute Lymphocytic Leukemia. (Poster number H40. AMP 2017, Salt Lake City)

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