

## ATM/CCP11 FISH Probe Kit

### Introduction

The ATM/CCP11 FISH Probe Kit is designed to detect the human *ATM* gene located on chromosome band 11q22.3, along with the number of chromosome 11 copies per cell. Abnormalities in *ATM* – also known as *AT1*, *ATA*, *ATC*, *ATD*, *ATE*, *ATDC*, *TEL1* or *TELO1* – occur in ataxia telangiectasia, and have also been observed in chronic lymphocytic leukemia (CLL) and other malignancies.

### Intended Use

To measure the copy number of the human *ATM* gene located on chromosome band 11q22.3.

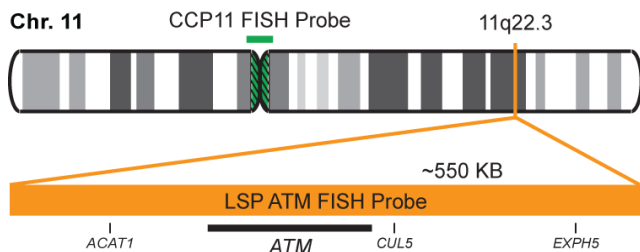
### Cont.

LSP ATM FISH Probe  
CCP11 FISH Probe

### Color

CytoOrange  
CytoGreen

### Probe Design



LSP ATM FISH Probe covers a chromosomal region which includes the entire *ATM* gene. CCP11 FISH Probe, derived from chromosome 11-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 11 copies per cell.

Not to Scale

### Cat. No.

CT-PAC352-10-OG

### Volume

10 Tests (100 µL)

### Signal Pattern Interpretation

#### Normal Pattern

2O + 2G

#### Abnormal Pattern

Other Patterns

- 1) Easton DF. *Int J Radiat Biol.* 66(6 Suppl):S177-82 (1994).
- 2) Brown KD, et al. *Proc Natl Acad Sci U S A.* 94(5):1840-5 (1997).
- 3) Stilgenbauer S, et al. *Nat Med.* 3(10):1155-9 (1997).
- 4) Telatar M, et al. *Am J Hum Genet.* 62(1):86-97 (1998).
- 5) Broeks A, et al. *Am J Hum Genet.* 66(2):494-500 (2000).



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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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