

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.

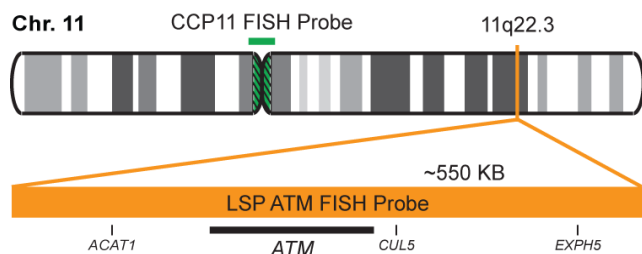
Cont.

Color

LSP ATM FISH Probe
CCP11 FISH Probe

CytoOrange
CytoGreen

Probe Design



Not to Scale

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.

Cat. No.

Volume

CT-PAC352-10-OG

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

202G

Abnormal Patterns

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) Stiggenbauer 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).

* 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.

DCN032

© CytoTest Inc.



CytoTest Inc.
1395 Piccard Drive, Suite 308
Rockville, MD 20850, USA