

RREB1/CCP6 FISH Probe Kit

Introduction

The RREB1/CCP6 FISH Probe Kit is designed to detect the human RREB1 gene located on chromosome band 6p24.3, along with the number of chromosome 6 copies per cell. Abnormalities in RREB1 – also known as Zep-1, RREB-1, LZ321, HNT, or FINB – have been observed in colorectal cancer, prostate adenocarcinoma, pancreatic cancer and other malignancies.

Intended Use

To measure the copy number of the human *RREB1* gene located on chromosome band 6p24.3.

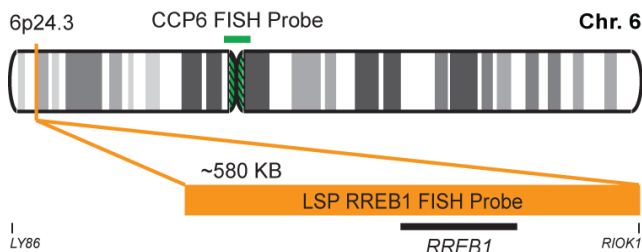
Cont.

Color

LSP RREB1 FISH Probe
CCP6 FISH Probe

CytoOrange
CytoGreen

Probe Design



Not to Scale

LSP RREB1 FISH Probe covers a chromosomal region which includes the entire *RREB1* gene. CCP6 FISH Probe, derived from chromosome 6-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 6 copies per cell.

Cat. No.

Volume

CT-PAC150-10-OG

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

2O2G

Abnormal Patterns

Other Patterns

- 1) Thiagalingam A, et al. *Mol Cell Biol.* 16(10):5335-45 (1996).
- 2) Melani M, et al. *Curr Biol.* 18(7):532-7 (2008).
- 3) Kent OA, et al. *Genes Dev.* 24(24):2754-9 (2010).
- 4) Chen RL, et al. *J Biol Chem.* 285(14):10189-97 (2010).
- 5) Nitz MD, et al. *Am J Pathol.* 179(1):477-86 (2011).

* 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

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