

WHSC1L1/CCP8 FISH Probe Kit

Introduction

The WHSC1L1/CCP8 FISH Probe Kit is designed to detect the human WHSC1L1 gene located on chromosome band 8p11.23, along with the number of chromosome 8 copies per cell. Rearrangements and abnormal expression of the WHSC1L1 gene – also known as NSD3 or pp14328 – have been observed in acute non-lymphocytic leukemia and other malignancies.

Intended Use

To measure the copy number of the human *WHSC1L1* gene located on chromosome band 8p11.23.

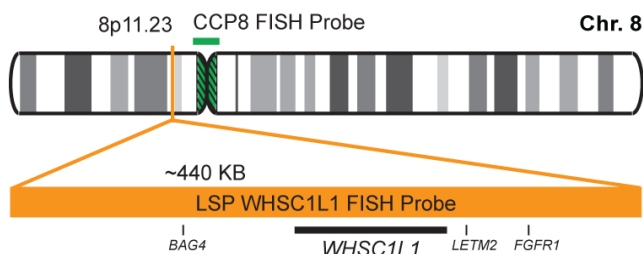
Cont.

Color

LSP WHSC1L1 FISH Probe
CCP8 FISH Probe

CytoOrange
CytoGreen

Probe Design



Not to Scale

LSP WHSC1L1 FISH Probe covers a chromosomal region which includes the entire *WHSC1L1* gene. CCP8 FISH Probe, derived from chromosome 8-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 8 copies per cell.

Cat. No.

Volume

CT-PAC035-10-OG

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

2O2G

Abnormal Patterns

Other Patterns

- 1) O'Connor C. *Nature Education*. 1(1):171 (2008).
- 2) Ried T, et al. *Hum Mol Genet*. 7(10):1619-26 (1998).
- 3) Rosati R, et al. *Blood*. 99(10):3857-60 (2002).
- 4) Stec I, et al. *Genomics*. 76(1-3):5-8 (2001).
- 5) Angrand PO, et al. *Genomics*. 74(1):79-88 (2001).

* 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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