

WHSC1L1/CCP8 FISH Probe Kit

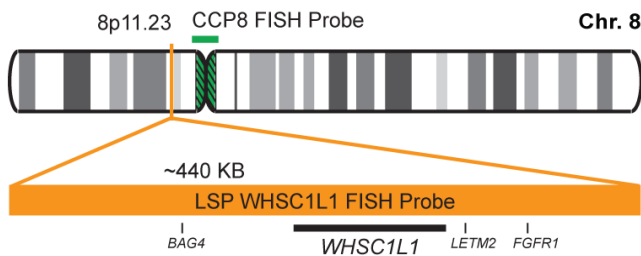
Introduction

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 <i>WHSC1L1</i> gene located on chromosome band 8p11.23.

Cont.	Color
LSP WHSC1L1 FISH Probe CCP8 FISH Probe	CytoOrange CytoGreen

Probe Design



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.

Not to Scale

Cat. No.	Volume
CT-PAC035-10-OG	10 Tests (100 µL)

Signal Pattern Interpretation	
<u>Normal Pattern</u> 2O + 2G	<u>Abnormal Pattern</u> Other Patterns

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



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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.