

ZNF703/CCP8 FISH Probe Kit

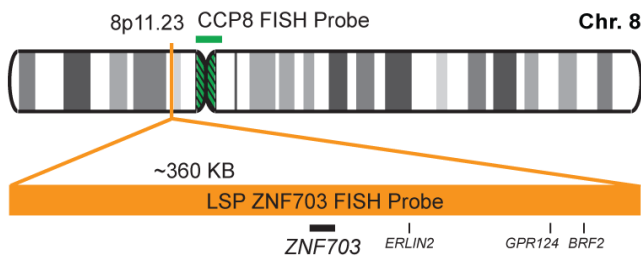
Introduction

The ZNF703/CCP8 FISH Probe Kit is designed to detect the human *ZNF703* gene located on chromosome band 8p11.23, along with the number of chromosome 8 copies per cell. Abnormal expression of the *ZNF703* gene – also known as *NLZ1*, *ZPO1*, *ZEPP01* or *ZNF503L* – has been observed in breast and larynx cancer and other tumor types.

Intended Use
To measure the copy number of the human <i>ZNF703</i> gene located on chromosome band 8p11.23.

Cont.	Color
LSP ZNF703 FISH Probe CCP8 FISH Probe	CytoOrange CytoGreen

Probe Design



LSP ZNF703 FISH Probe covers a chromosomal region which includes the entire *ZNF703* 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-PAC034-10-OG	10 Tests (100 µL)

Signal Pattern Interpretation	
<u>Normal Pattern</u>	<u>Abnormal Pattern</u>
2O + 2G	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) Pole JC, et al. *Oncogene*. 25(41):5693-706 (2006).
- 4) Nakamura M, et al. *BMC Dev Biol*. 8:108 (2008).
- 5) Williams SV, et al. *Genes Chromosomes Cancer*. 49(7):642-59 (2010).



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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.