

PRMT2/CCP21 FISH Probe Kit

Introduction

The PRMT2/CCP21 FISH Probe Kit is designed to detect the human PRMT2 gene located on chromosome band 21q22.3, along with the number of chromosome 21 copies per cell. Abnormalities in PRMT2 – also known as HRMT1L1 – have been observed in breast cancer, glioblastoma and other malignancies.

Intended Use

To measure the copy number of the human *PRMT2* gene located on chromosome band 21q22.3.

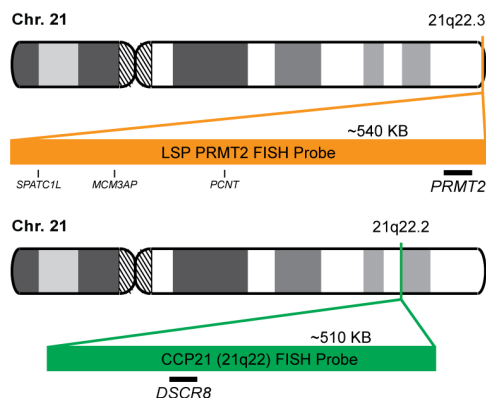
Cont.

LSP PRMT2 FISH Probe
CCP21 (21q22) FISH Probe

Color

CytoOrange
CytoGreen

Probe Design



LSP PRMT2 FISH Probe covers a chromosomal region which includes the *PRMT2* gene. CCP21 FISH Probe, covering chromosomal region 21q22, is designed to serve as a control to determine the number of chromosome 21 copies per cell.

Cat. No.

CT-PAC289-10-OG

Volume

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

2O2G

Abnormal Patterns

Other Patterns

1) Dong F, et al. *Nat Commun.* 9(1):4552 (2018).
2) Zhong J, et al. *Gene.* 487(1):1-9 (2011).
3) Katsanis N, et al. *Mamm Genome.* 8(7):526-9 (1997).
4) Zhong J, et al. *Oncogene.* 33(48):5546-58 (2014).
5) Pak ML, et al. *Biochemistry.* 50(38):8226-40 (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.