

CHD5/CCP1 FISH Probe Kit

Introduction

The CHD5/CCP1 FISH Probe Kit is designed to detect the human CHD5 gene located on chromosome band 1p36.31, along with the number of chromosome 1 copies per cell. Abnormal expression of the CHD5 gene – also named CHD-5 – has been observed in neuroblastoma and gliomas, melanoma, and numerous other solid tumor types.

Intended Use

To measure the copy number of the human *CHD5* gene located on chromosome band 1p36.31.

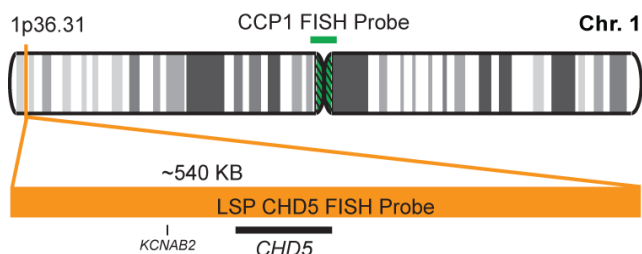
Cont.

LSP CHD5 FISH Probe
CCP1 FISH Probe

Color

CytoOrange
CytoGreen

Probe Design



Not to Scale

LSP CHD5 FISH Probe covers a chromosomal region which includes the entire *CHD5* gene. CCP1 FISH Probe, derived from chromosome 1-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 1 copies per cell.

Cat. No.

CT-PAC049-10-OG

Volume

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

202G

Abnormal Patterns

Other Patterns

- 1) Thompson PM, et al. *Oncogene*. 22(7):1002-11 (2003).
- 2) Fujita T, et al. *J Natl Cancer Inst*. 100(13):940-9 (2008).
- 3) Robbins CM, et al. *Genome Res*. 21(1):47-55 (2011).
- 4) Wong RR, et al. *Gynecol Obstet Invest*. 72(3):203-7 (2011).
- 5) Koyama H, et al. *Clin Cancer Res*. 18(6):1588-97 (2012).

* 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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CytoTest Inc.
1395 Piccard Drive, Suite 308
Rockville, MD 20850, USA