

KDM5A/CCP12 FISH Probe Kit

Introduction

The KDM5A/CCP12 FISH Probe Kit is designed to detect the human KDM5A gene located on chromosome band 12p13.33, along with the number of chromosome 12 copies per cell. Abnormalities in KDM5A – also known as RBP2, RBBP2 or RBBP-2 – have been observed in colon adenocarcinoma, lung adenocarcinoma, breast invasive ductal carcinoma, endometrial endometrioid adenocarcinoma, melanoma and other malignancies.

Intended Use

To measure the copy number of the human *KDM5A* gene located on chromosome band 12p13.33.

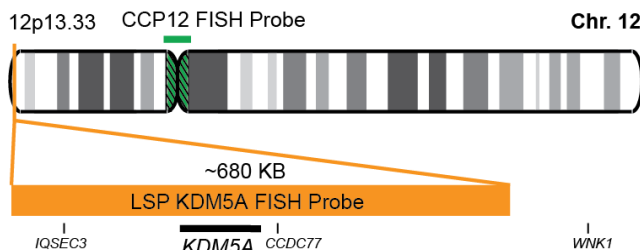
Cont.

Color

LSP KDM5A FISH Probe
CCP12 FISH Probe

CytoOrange
CytoGreen

Probe Design



Not to Scale

LSP KDM5A FISH Probe covers a chromosomal region, which includes the entire *KDM5A* gene. CCP12 FISH Probe, derived from chromosome 12-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 12 copies per cell.

Cat. No.

Volume

CT-PAC277-10-OG

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

202G

Abnormal Patterns

Other Patterns

- 1) Feng T, et al. *Mol Med Rep.* 16(3):3573-3580 (2017).
- 2) Banelli B, et al. *Cell Cycle.* 14(21):3418-29 (2015).
- 3) Noort S, et al. *Haematologica.* 106(2):630-634 (2021).
- 4) Wang X, et al. *PLoS One.* 11(3):e0152142 (2016).
- 5) Fattaey AR, et al. *Oncogene.* 8(11):3149-56 (1993).

* 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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