

BAP1/CCP3 FISH Probe Kit

Introduction

The BAP1/CCP3 FISH Probe Kit is designed to detect the human *BAP1* gene located on chromosome band 3p21.1, along with the number of chromosome 3 copies per cell. Abnormalities in *BAP1* – also known as *UBM2*, *UVM2*, *KURIS*, *TPDS1*, *UCHL2*, *hucep-6* or *HUCEP-13* – may be associated with tumor predisposition syndrome (TPDS), which involves increased risk of cancers including malignant mesothelioma, uveal melanoma and cutaneous melanoma.

Intended Use

To measure the copy number of the human *BAP1* gene located on chromosome band 3p21.1.

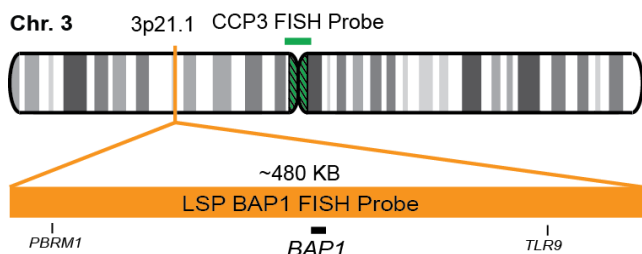
Cont.

LSP BAP1 FISH Probe
CCP3 FISH Probe

Color

CytoOrange
CytoGreen

Probe Design



Not to Scale

LSP BAP1 FISH Probe covers a chromosomal region which includes the entire *BAP1* gene. CCP3 FISH Probe, derived from chromosome 3-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 3 copies per cell.

Cat. No.

CT-PAC369-10-OG

Volume

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

202G

Abnormal Patterns

Other Patterns

1. Paglicua F, et al. Eur Rev Med Pharmacol Sci. 25(12):4236-4246 (2021).
2. Pulford E, et al. Pathology. 52(6):635-642 (2020).
3. Shankar GM & Santagata S. Neuro Oncol. 19(11):1447-1456 (2017).
4. Schunselaar LM, et al. Lung Cancer. 109:145-146 (2017).
5. Owen D, et al. Hum Pathol. 60:82-85 (2017).

* 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.

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