

SMARCB1/CCP22 FISH Probe Kit

Introduction

The SMARCB1/CCP22 FISH Probe Kit is designed to detect the human *SMARCB1* gene located on chromosome band 22q11.23, along with the number of chromosome 22 copies per cell. Abnormalities in *SMARCB1* – also known as *RDT*, *CSS3*, *INI1*, *SNF5*, *Snr1*, *BAF47*, *MRD15*, *RTPS1*, *Sfh1p*, *hSNFS*, *SNF5L1*, *SWNTS1* or *PPP1R144* – have been observed in rhabdoid tumors and other malignancies and neoplastic predisposition syndromes.

Intended Use

To detect the human *SMARCB1* gene located on chromosome band 22q11.23.

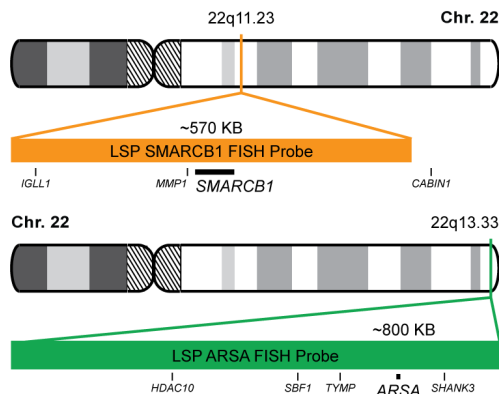
Cont.

Color

LSP SMARCB1 FISH Probe
CCP22 (22q13) FISH Probe

CytoOrange
CytoGreen

Probe Design



LSP SMARCB1 FISH Probe covers a chromosomal region which includes the *SMARCB1* gene. CCP22 FISH Probe, covering a chromosomal region around ARSA gene located at 22q13, is designed to serve as a control to determine the number of chromosome 22q arm copies per cell.

Cat. No.

Volume

CT-PAC375-10-OG

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

2O2G

Abnormal Patterns

Other Patterns

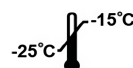
- 1) Eaton KW, et al. *Pediatr. Blood Cancer* 56(1):7-15 (2011).
- 2) Bahrami A, et al. *Cancer Genet.* 207(9):437-40 (2014).
- 3) Le Loarer F, et al. *Genes Chromosomes Cancer* 53(6):475-86 (2014).
- 4) Huang SC, et al. *Genes Chromosomes Cancer* 55(10):767-76 (2016).
- 5) Owosho AA, et al. *Genes Chromosomes Cancer* 57(2):89-95 (2018).

* 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

© CytoTest Inc.

www.cytotest.com



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

V2023.07.02

T-07-10-PAC375-OG-EN