

WWTR1-CAMTA1 Dual Fusion/Translocation FISH Probe Kit

Introduction

The WWTR1-CAMTA1 Dual Fusion/Translocation FISH Probe Kit is designed to detect rearrangements involving the human *WWTR1* and *CAMTA1* genes, located on chromosome bands 3q25.1 and 1p36.31, respectively. *WWTR1* is also known as *TAZ*, and *CAMTA1* is also known as *KIAA0833* or *CANPMR*. Rearrangements involving portions of these two genes have been observed in epithelioid hemangioendothelioma, endometrial clear cell adenocarcinoma, breast carcinoma, lung adenocarcinoma and other malignancies.

Intended Use

To detect rearrangements involving the human *WWTR1* and *CAMTA1* genes located on chromosome bands 3q25.1 and 1p36.31, respectively.

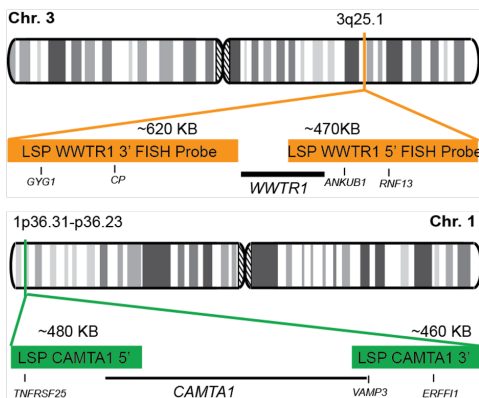
Cont.

LSP WWTR1 5'-3' FISH Probe
LSP CAMTA1 5'-3' FISH Probe

Color

CytoOrange
CytoGreen

Probe Design



Not to Scale

LSP WWTR1 5'-3' FISH Probe covers the 5' (start) and 3' (end) portion of the *WWTR1* gene and some genomic sequences adjacent to the two ends of the gene. LSP CAMTA1 5'-3' FISH Probe covers the sequences for the two ends of the *CAMTA1* gene as well as sequences upstream (5' start) and downstream (3' end) of the gene. The probe set is optimized to reveal translocations between the two genes.

Cat. No.

CT-PAC319-10-OG

Volume

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

2O2G

Abnormal Patterns

Other Patterns

- 1) Cordenonsi M, et al. *Cell*. 147(4):759-72 (2011).
- 2) Kim J, et al. *Nat Commun*. 6:6781 (2015).
- 3) Feng J, et al. *Oncogene*. 36(42):5829-5839 (2017).
- 4) Ma J, et al. *Cell Death Dis*. 8(1):e2539 (2017).
- 5) Lo Sardo F, et al. *Carcinogenesis*. 38(1):64-75 (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.

DCN032

© CytoTest Inc.

www.cytotest.com

V2023.01.01
T-07-10-PAC319-OG-EN



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