

# JAZF1/CCP7 FISH Probe Kit

## Introduction

The JAZF1/CCP7 FISH Probe Kit is designed to detect the human *JAZF1* gene located on chromosome band 7p15.2-p15.1, along with the number of chromosome 7 copies per cell. Rearrangements, including fusions to other genes, and abnormal expression of the *JAZF1* gene – also known as *TIP27* or *ZNF802* – have been observed in endometrial stromal sarcomas, prostate carcinoma, and other tumor types.

## Intended Use

To measure the copy number of the human *JAZF1* gene located on chromosome band 7p15.2-p15.1.

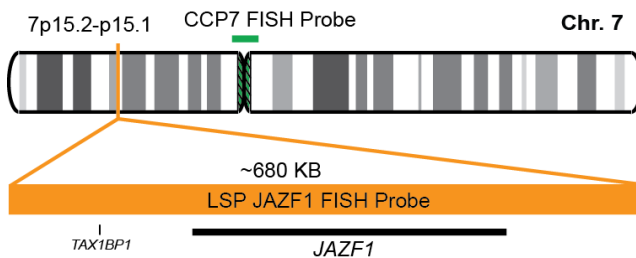
## Cont.

LSP JAZF1 FISH Probe  
CCP7 FISH Probe

## Color

CytoOrange  
CytoGreen

## Probe Design



LSP JAZF1 FISH Probe covers a chromosomal region which includes the entire *JAZF1* gene. CCP7 FISH Probe, derived from chromosome 7-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 7 copies per cell.

Not to Scale

## Cat. No.

CT-PAC321-10-OG

## Volume

10 Tests (100 µL)

## Signal Pattern Interpretation

### Normal Patterns

2O2G

### Abnormal Patterns

Other Patterns

- 1) Koontz JI, et al. *Proc Natl Acad Sci U S A*. 98(11):6348-53 (2001).
- 2) Nucci MR, et al. *Am J Surg Pathol*. 31(1):65-70 (2007).
- 3) Oliva E, et al. *Am J Surg Pathol*. 31(8):1277-84 (2007).
- 4) Panagopoulos I, et al. *Cancer Genet Cytogenet*. 185(2):74-7 (2008).
- 5) Martin JE, et al. *Hum Mol Genet*. 22(19):4021-9 (2013).

\* 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

V2023.01.01

T-07-10-PAC321-OG-EN