

JAZF1-SUZ12 Dual Fusion/Translocation FISH Probe Kit

Introduction

The JAZF1-SUZ12 Dual Fusion/Translocation FISH Probe Kit is designed to detect rearrangements involving the human *JAZF1* and *SUZ12* genes, located on chromosome bands 7p15.2 and 17q11.2, respectively. *JAZF1* is also known as *TIP27* or *ZNF802*, and *SUZ12* is also known as *CHET9*, *IMMAS* or *JJAZ1*. Rearrangements involving portions of these two genes have been observed in endometrial stromal tumors and other neoplasias.

Intended Use

To detect rearrangements involving the human *JAZF1* and *SUZ12* genes, located on chromosome bands 7p15.2 and 17q11.2.

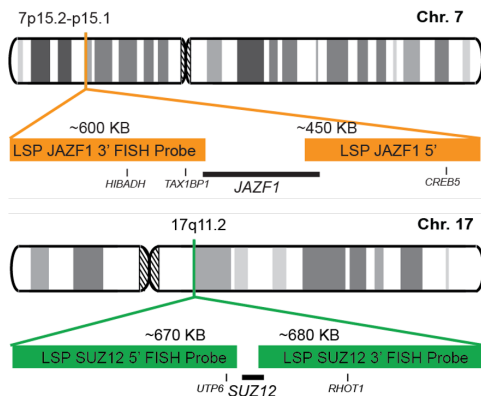
Cont.

Color

LSP JAZF1 5'-3' FISH Probe
LSP SUZ12 5'-3' FISH Probe

CytoOrange
CytoGreen

Probe Design



Not to Scale

LSP JAZF1 5'-3' FISH Probe and LSP SUZ12 5'-3' FISH Probe cover the 5' (start) and 3' (end) portion and some adjacent genomic sequences of the *JAZF1* and *SUZ12* genes, respectively. The two probes are flanking sequences across the *JAZF1* and *SUZ12* genes in which variable breakpoints have been observed.

Cat. No.

Volume

CT-PAC324-10-OG

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

2O2G

Abnormal Patterns

Other Patterns

- Huang HY, et al. *Am J Surg Pathol.* 28(2):224-32 (2004).
- Oliva E, et al. *Am J Surg Pathol.* 31(8):1277-84 (2007).
- Staats PN, et al. *Am J Surg Pathol.* 33(8):1206-12 (2009).
- Conklin CMJ & Longacre TA. *Adv Anat Pathol.* 21(6):383-93 (2014).
- Gupta SK, et al. *PLoS Genet.* 17(12):e1009985 (2021).

* 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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