CytoTest®

Premium **FISH** for Quality of Lives

ENGLISH

For Professional Use Only

FANCA/CCP16 FISH Probe Kit

Introduction

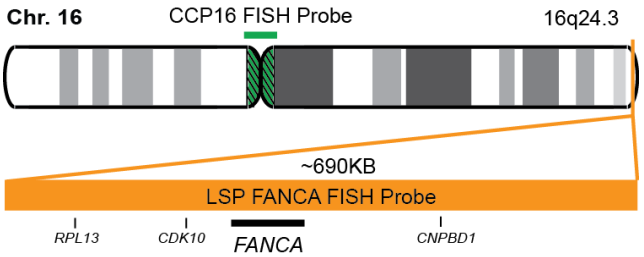
The FANCA/CCP16 FISH Probe Kit is designed to detect the human FANCA gene located on chromosome band 16q24.3, along with the number of chromosome 16 copies per cell. Mutations in FANCA – also known as FA, FA1, FAA, FAH, FA-H, FACA or FANCH – are the most common cause of Fanconi anemia, have also been observed in cancers such as lung, colon, breast, prostate, bladder urothelial and other malignancies.

Intended Use

To measure the copy number of the human *FANCA* gene located on chromosome band 16q24.3.

Cont.	Color
LSP FANCA FISH Probe	CytoOrange
CCP16 (Pericentromeric) FISH Probe	CytoGreen

Probe Design



Not to Scale

LSP FANCA FISH Probe covers a chromosomal region, which includes the entire *FANCA* gene. CCP16 FISH Probe is designed to serve as a control to determine the number of chromosome 16 copies per cell.

Cat. No.	Volume
CT-PAC282-10-OG	10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns	Abnormal Patterns
2O2G	Other Patterns

1) Bravo-Navas S, et al. *FASEB J*. 33(9):10477-10489 (2019).
2) Hoskins EE, et al. *Oncogene*. 28(5):674-85 (2009).
3) Savino M, et al. *Hum Mutat*. 22(4):338-9 (2003).
4) Lensch MW, et al. *Blood*. 102(1):7-16 (2003).
5) Wijker M, et al. *Eur J Hum Genet*. 7(1):52-9 (1999).

-25°C -15°C CE IVD

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* 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.