

FHIT/CCP3 FISH Probe Kit

Introduction

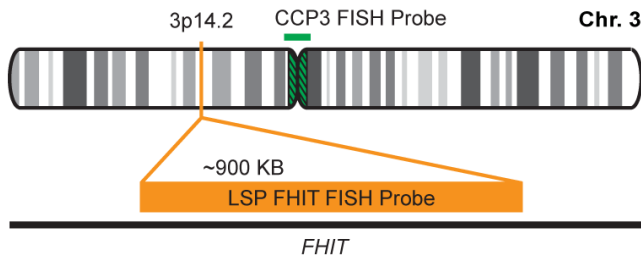
The FHIT/CCP3 FISH Probe Kit is designed to detect the human *FHIT* gene located on chromosome band 3p14.2, along with the number of chromosome 3 copies per cell. Abnormal expression of the *FHIT* gene – also known as *FRA3B* or *AP3Aase* – has been found in colon, esophageal, stomach and other tumor types.

Intended Use

To measure the copy number of the human *FHIT* gene located on chromosome band 3p14.2.

Cont.	Color
LSP FHIT FISH Probe CCP3 FISH Probe	CytoOrange CytoGreen

Probe Design



LSP FHIT FISH Probe covers sequences of the core deletion area and including a breakpoint region inside the *FHIT* gene. CCP3 FISH Probe, derived from chromosome 3-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 3 copies per cell.

Not to Scale

Cat. No.	Volume
CT-PAC016-10-OG	10 Tests (100 µL)

Signal Pattern Interpretation

<u>Normal Pattern</u>	<u>Abnormal Pattern</u>
2O + 2G	Other Patterns

- 1) Huebner K & Croce CM. *Br J Cancer*. 88(10):1501-6 (2003).
- 2) Guler G, et al. *Cancer*. 100(8):1605-14 (2004).
- 3) Larson GP, et al. *Cancer Res*. 65(3):805-14 (2005).
- 4) Guler G, et al. *Pathol Int*. 55(8):471-8 (2005).
- 5) Semba S, et al. *Oncogene*. 25(20):2860-72 (2006).



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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.