

IPO11/AHRR FISH Probe Kit

Introduction

The IPO11/AHRR FISH Probe Kit is designed to detect the human IPO11 gene located on chromosomes band 5q12.1, along with the AHRR gene region on chromosome band 5p15.33 as a control for integrity of the 5p subtelomeric region. Rearrangements and abnormal expression of the IPO11 gene – also known as RanBP11 – have been observed in bladder cancer and other tumor types.

Intended Use

To measure the copy number of the human *IPO11* and *AHRR* gene located on chromosome band 5q12.1 and 5p15.33, respectively.

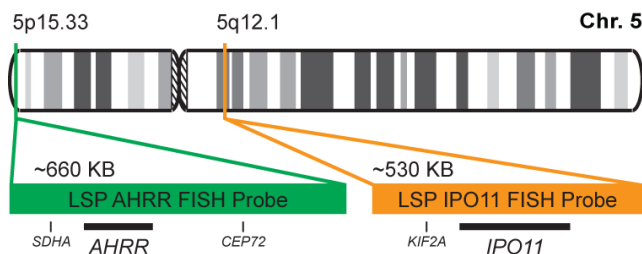
Cont.

Color

LSP IPO11 FISH Probe
LSP AHRR FISH Probe

CytoOrange
CytoGreen

Probe Design



Not to Scale

LSP IPO11 FISH Probe covers a chromosomal region which includes the entire *IPO11* gene. LSP AHRR FISH Probe covers a chromosomal region including the entire *AHRR* gene.

Cat. No.

Volume

CT-PAC036-10-OG

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

2O2G

Abnormal Patterns

Other Patterns

- 1) Wang W, et al. *Biochem Biophys Res Commun.* 305(4):981-8 (2003).
- 2) Pfaffker SM, et al. *J Cell Biol.* 167(4):649-59 (2004).
- 3) Zhang XD & Matunis MJ. *Nat Cell Biol.* 7(1):12-4 (2005).
- 4) Zhang ZC, et al. *Mol Biol Cell.* 22(23):4657-68 (2011).
- 5) Zuo L, et al. *Alcohol Clin Exp Res.* 37(5):730-9 (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.

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