

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.

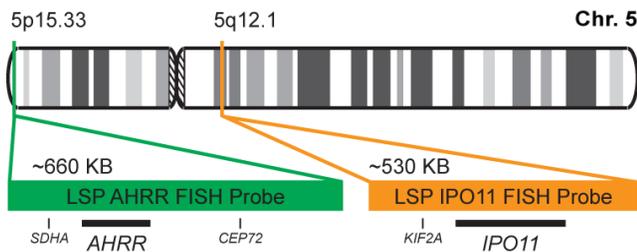
Cont.

LSP IPO11 FISH Probe
LSP AHRR FISH Probe

Color

CytoOrange
CytoGreen

Probe Design



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.

Not to Scale

Cat. No.

CT-PAC036-10-OG

Volume

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Pattern

2O + 2G

Abnormal Pattern

Other Patterns

- 1) Wang W, et al. *Biochem Biophys Res Commun.* 305(4):981-8 (2003).
- 2) Plafker 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).



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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.