CytoTest®
Premium **FISH** for Quality of Lives

ENGLISH

For Professional Use Only

SDHB/CCP1 FISH Probe Kit

Introduction

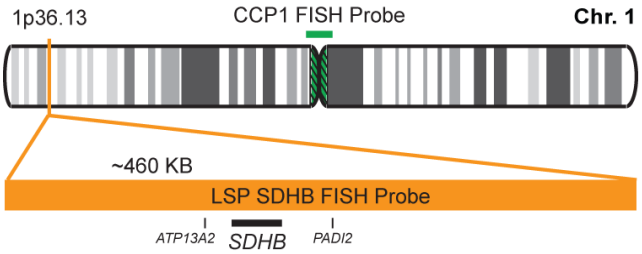
The SDHB/CCP1 FISH Probe Kit is designed to detect the human SDHB gene located on chromosome band 1p36.13, along with the number of chromosome 1 copies per cell. Abnormal expression of the SDHB gene – also known as IP, SDH, CWS2, PGL4, SDH1, SDH2 or SDHIP – has been observed in paragangliomas, pheochromocytoma and other conditions.

Intended Use

To measure the copy number of the human *SDHB* gene located on chromosome band 1p36.13.

Cont.	Color
LSP SDHB FISH Probe	CytoOrange
CCP1 FISH Probe	CytoGreen

Probe Design



Not to Scale

LSP SDHB FISH Probe covers a chromosomal region which includes the entire *SDHB* gene. CCP1 FISH Probe, derived from chromosome 1-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 1 copies per cell.

Cat. No.	Volume
CT-PAC023-10-OG	10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns	Abnormal Patterns
2O2G	Other Patterns

1) Guo C, et al. *Curr Biol*. 17(8):700-5 (2007).
2) Leckschat S, et al. *Somat Cell Mol Genet*. 19(5):505-11 (1993).
3) Au HC, et al. *Gene*. 159(2):249-53 (1995).
4) Astuti D, et al. *Am J Hum Genet*. 69(1):49-54 (2001).
5) Baysal BE, et al. *J Med Genet*. 39(3):178-83 (2002).

-25°C -15°C CE IVD

CytoTest Inc.
1395 Piccard Drive, Suite 308
Rockville, MD 20850, USA

* 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.

© CytoTest Inc.