

D22S75/ARSA FISH Probe Kit

Introduction

The D22S75/ARSA FISH Probe Kit is designed to detect the human D22S75 (N25) region, located on chromosome band 22q11.2 and the *ARSA* gene region on chromosome band 22q13.33. Abnormalities in both regions are found in DiGeorge Syndrome and other conditions.

Intended Use

To measure the copy number of the human D22S75 (N25) region and *ARSA* gene region located on chromosome bands 22q11.2 and 22q13.33, respectively.

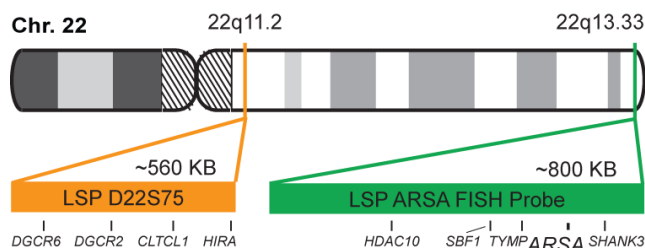
Cont.

LSP D22S75 FISH Probe
LSP ARSA FISH Probe

Color

CytoOrange
CytoGreen

Probe Design



Not to Scale

LSP D22S75 FISH Probe covers a region including N25. LSP ARSA FISH Probe covers a chromosomal region including the entire *ARSA* gene.

Cat. No.

CT-PAC403-10-OG

Volume

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Pattern

2O + 2G

Abnormal Pattern

Other Patterns

- 1) Gong W, et al. *Hum Mol Genet.* 5(6):789-800 (1996).
- 2) Fokstuen S, et al. *Clin Genet.* 53(1):63-9 (1998).
- 3) Rauch A, et al. *J Med Genet.* 42(11):871-6 (2005).
- 4) DeBerardinis RJ, et al. *Am J Med Genet A.* 138A(2):155-9 (2005).
- 5) Hou JW. *Chang Gung Med J.* 28(9):657-61 (2005).



CytoTest Inc.
9430 Key West Ave., Suite 210
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.

India Contact:

Life Technologies (India) Pvt. Ltd.

306, Aggarwal City Mall, Opposite M2K Pitampura, Delhi – 110034 (INDIA). Ph: +91-11-42208000, 42208111, 42208222, Mobile: +91-9810521400, Fax: +91-11-42208444
Email: customerservice@lifetechindia.com Website: www.lifetechindia.com