

# NF2/CCP22 FISH Probe Kit

## Introduction

The NF2/CCP22 FISH Probe Kit is designed to detect the human NF2 gene located on chromosome band 22q12.2, along with the number of chromosome 22 copies per cell. Abnormalities in *NF2* – also known as *ACN*, *SCH*, *BANF* or *merlin-1* – occur in ataxia telangiectasia, and have also been observed in cancers such as meningeal cancer, pleural cancer, soft tissue cancer and other malignancies.

## Intended Use

To measure the copy number of the human *NF2* gene located on chromosome band 22q12.2.

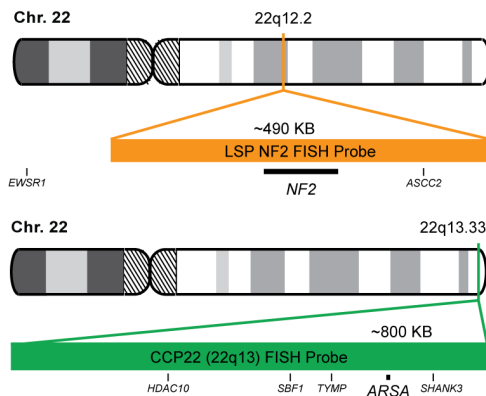
## Cont.

LSP NF2 FISH Probe  
CCP22 (22q13) FISH Probe

## Color

CytoOrange  
CytoGreen

## Probe Design



Not to Scale

LSP NF2 FISH Probe covers a chromosomal region which includes the *NF2* gene. CCP22 FISH Probe, covering a chromosomal region around *ARSA* gene located at 22q13, is designed to serve as a control to determine the number of chromosome 22q arm copies per cell.

## Cat. No.

CT-PAC370-10-OG

## Volume

10 Tests (100 µL)

## Signal Pattern Interpretation

### Normal Patterns

2O2G

### Abnormal Patterns

Other Patterns

- Rutland JW, et al. Cancer Immunol Immunother. 70(1):169-176 (2021).
- Kinoshita Y, et al. Mod Pathol. 33(2):235-244 (2020).
- Sato T & Sekido Y. Int J Mol Sci. 19(4):988 (2018).
- Agnihotri S, et al. Nat Commun. 8(1):186 (2017).
- Domingues P, et al. Oncotarget. 6(13):10671-88 (2015).

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