

B3GAT1/CCP11 FISH Probe Kit

Introduction

The B3GAT1/CCP11 FISH Probe Kit is designed to detect the human B3GAT1 gene located on chromosome band 11q25, along with the number of chromosome 11 copies per cell. Abnormalities in B3GAT1 – also known as NK1, CD57, HNK1, LEU7, NK-1, GLCATP or GLCUATP – have been associated with Alzheimer's disease, Chronic Fatigue syndrome, and cancers such as liver cancer, prostate cancer, gastric cancer, melanoma and other malignancies.

Intended Use

To measure the copy number of the human *B3GAT1* gene located on chromosome band 11q25.

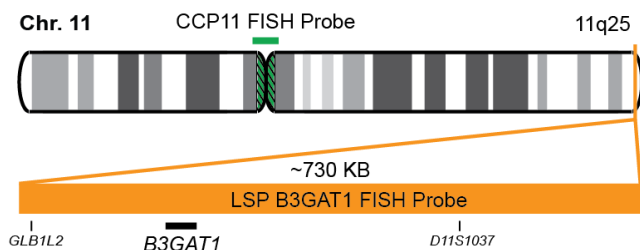
Cont.

Color

LSP B3GAT1 FISH Probe
CCP11 FISH Probe

CytoOrange
CytoGreen

Probe Design



LSP B3GAT1 FISH Probe covers a chromosomal region, which includes the entire *B3GAT1* gene. CCP11 FISH Probe, derived from chromosome 11-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 11 copies per cell.

Cat. No.

Volume

CT-PAC276-10-OG

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

202G

Abnormal Patterns

Other Patterns

- 1) Wangerin H, et al. *Biomed Res Int*. doi:10.1155/2014/356427 (2014).
- 2) Chochi K, et al. *Oncol Rep*. 10(5):1443-8 (2003).
- 3) Dorwal P, et al. *Cytometry B Clin Cytom*. 88(5):348-51 (2015).
- 4) Shiraki T, et al. *Oncol Rep*. 26(1):201-8 (2011).
- 5) Schlitter AM, et al. *PLoS One*. 7(8):e42025 (2012).

* 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.

DCN032

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