

EHMT1/CCP9 FISH Probe Kit

Introduction

The EHMT1/CCP9 FISH Probe Kit is designed to detect the human EHMT1 gene located on chromosome band 9q34.3, along with the number of chromosome 9 copies per cell. Abnormalities in EHM1 – also known as GLP, GLP1, KMT1D, KLEFS1, FP13812, EHMT1-IT1, EUHMTASE1, Eu-HMTase1 – are believed to be the cause of some developmental disorders.

Intended Use

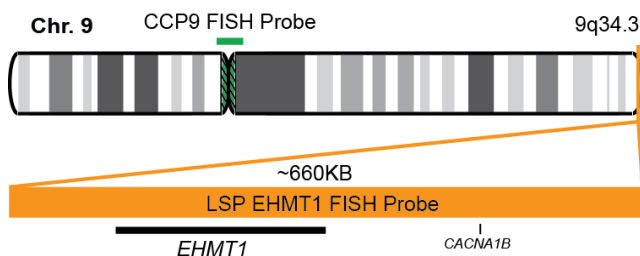
To measure the copy number of the human *EHMT1* gene located on chromosome band 9q34.3.

Cont.

Color

LSP EHMT1 FISH Probe CytoOrange
CCP9 (Pericentromeric) FISH Probe CytoGreen

Probe Design



LSP EHMT1 FISH Probe covers a chromosomal region which includes the entire *EHMT1* gene. CCP9 FISH Probe is designed to serve as a control to determine the number of chromosome 9 copies per cell.

Not to Scale

Cat. No.

Volume

CT-PAC272-10-OG

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

202G

Abnormal Patterns

Other Patterns

- 1) Stewart, DR & Kleefstra, T, *Am. J. Med. Genet. C Semin. Med. Genet.* 145C(4):383-92 (2007)
- 2) Willemsen, MH, et al. *Clin. Genet.* 80(1):31-8 (2011).
- 3) De La Fuente, R, et al. *Development* 142(10):1806-17 (2015).
- 4) Atik, T, et al. *Genet. Couns.* 26(4):4315 (2015).
- 5) Hervé, B, et al. *Eur. J. Med. Genet.* 58(6-7):346-50 (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.

DCN032

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