

DNA
DIAGNOSTIC

HemaVision 28N

Specific and sensitive detection of the most common leukemia translocations

HemaVision[®]-28N

- Screening test for leukemia associated translocations
- Detection of 28 translocations and +145 breakpoints and splice variants
- CE-IVD marked test

HemaVision

detect translocations
in just 12 hours.

Introduction

HemaVision®-28N is a multiplex RT-PCR based assay (Reverse Transcription of RNA followed by PCR and agarose gel electrophoresis) for detection of leukemia associated fusion gene transcripts in total RNA from whole blood or bone marrow samples.

HemaVision®-28N provides a rapid screen for 28 translocations with more than 145 clinically relevant chromosomal breakpoints. Translocation breakpoints and alternative splice variants are detected.

The kit contains a screening and subtyping test ensuring high specificity and higher sensitivity than eg. FISH.

How the test works?

The tests are fast one-day RT-PCR screening tests, capable of analysing for up to 28 translocations and more than 145 clinically relevant breakpoints in a single test.

The starting material for the HemaVision® tests is total RNA extracted from whole blood or bone marrow.

The test requires a thermal cycler and standard laboratory equipment. It can be completed in 12 hours after RNA extraction.

28 translocations

del1(p32) (STIL-TAL1)
t(1;11) (p32;q23) (KMT2A-EPS15)
t(1;11) (q21;q23) (KMT2A-MLLT11)
t(1;19) (q23;p13) (TCF3-PBX1)
t(3;5) (q25;q34) (NPM1-MLF1)
t(3;21) (q26;q22) (RUNX1-MDS1/EVI1)
t(4;11) (q21;q23) (KMT2A-AFF1)
t(5;12) (q33;p13) (ETV6-PDGFRB)
t(5;17) (q35;q21) (NPM1-RARA)
t(6;9) (p23;q34) (DEK-NUP214)
t(6;11) (q27;q23) (KMT2A-AFON)
t(8;21) (q22;q22) (RUNX1-RUNX1T1)
t(9;9) (q34;q34) (SET-NUP214)
t(9;11) (p22;q23) (KMT2A-MLLT3)
t(9;12) (q34;p13) (ETV6-ABL1)
t(9;22) (q34;q11) (BCR-ABL1)
t(10;11) (p12;q23) (KMT2A-MLLT10)
t(11;17) (q23;q21) (KMT2A-MLLT6)
t(11;17) (q23;q21) (ZBTB16-RARA)
t(11;19) (q23;p13.1) (KMT2A-ELL)
t(11;19) (q23;p13.3) (KMT2A-MLLT1)
t(12;21) (p13;q22) (ETV6-RUNX1)
t(12;22) p13;q11 (ETV6-MN1)
t(15;17) (q24;q21) (PML-RARA)
inv(16) (p13;q22) (CBFB-MYH11)
t(16;21) (p11;q22) (FUS-ERG)
t(17;19) (q22;p13) (TCF3-HLF)
t(X;11) (q13;q23) (KMT2A-FOXO4)

For more info visit www.dna-diagnostic.com or contact Tel +45 87 32 30 50 · info@dna-diagnostic.com

DNA
DIAGNOSTIC

DNA DIAGNOSTIC A/S · VOLDBJERGVEJ 14 · 8240 RISSKOV · DENMARK

About us DNA Diagnostic A/S is a Danish biotech company established in 1992. DNA Diagnostic develops and manufactures qPCR test kits for rapid identification of pathogenic microorganisms in human, food, dairy and animal. DNA Diagnostic is ISO 13485 certified.