

DNA
DIAGNOSTIC

HemaVision 28Q

**Fast
Screening for
Leukemia -
associated
translocations**

HemaVision®28Q

- Fast
Results in just 4 hours
- Screening for 28
translocations
- Detection of +145 break-
points and splice variants
- CE-IVD marked test

HemaVision

Detect translocations
in just 4 hours.

Introduction

HemaVision®-28Q is a RT-qPCR based assay (Reverse Transcription followed by Real-Time PCR) for detection of leukemia associated fusion gene transcripts in total RNA from whole blood or bone marrow samples.

HemaVision®-28Q provides a rapid screening for 28 translocations with more than 145 clinically relevant chromosomal breakpoints. Both common and rare translocation breakpoints and alternative splice variants are detected in only 4 hours from RNA extraction.

The kit screens for rare translocations and fusion products, which cannot be detected with other commercial screening kits.

28 translocations

del(1) (p32) (STIL::TAL1)
t(1;11) (p32;q32.3) (KMT2A::EPS15)
t(1;11) (q21;q23.3) (KMT2A::MLLT1)
t(1;19) (q23;p13) (TCF3::PBX1)
t(3;5) (q25;q34) (NPM1::MLF1)
t(3;21) (q26;q22) (RUNX1::MECOM)
t(4;11) (q21;q23.3) (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;q23.3) (KMT2A::AFDN)
t(8;21) (q22;q22) (RUNX1::RUNX1T1)
t(9;9) (q34;q34) (SET::NUP214)
t(9;11) (p21.3;q23.3) (KMT2A::MLLT3)
t(9;12) (q34;p13) (ETV6::ABL1)
t(9;22) (q34;q11) (BCR::ABL1)
t(10;11) (p12;q23.3) (KMT2A::MLLT10)
t(11;17) (q23.3;q21) (KMT2A::MLLT6)
t(11;17) (q23;q21) (ZBTB16::RARA)
t(11;19) (q23.3;p13.1) (KMT2A::ELL)
t(11;19) (q23.3;p13.3) (KMT2A::MLLT1)
t(12;21) (p13;q22) (ETV6::RUNX1)
t(12;22) (p13;q12) (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;q23.3) (KMT2A::FOXO4)

How the test works?

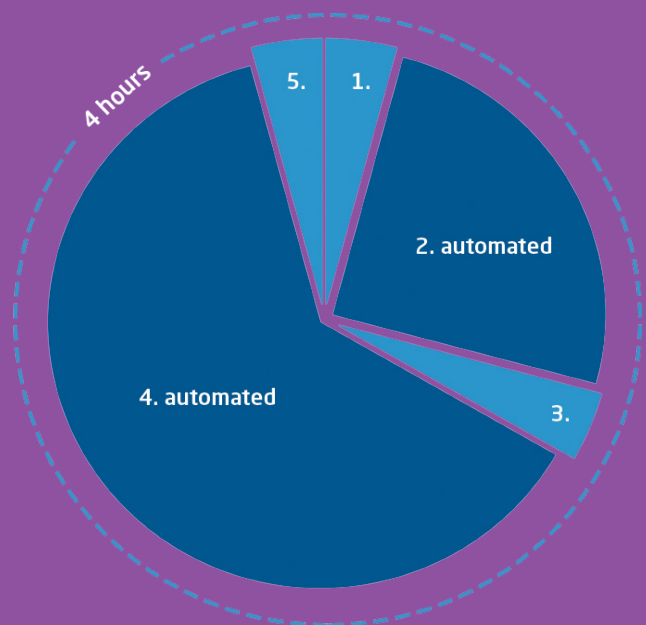
The starting material for the HemaVision tests is total RNA extracted from whole blood or bone marrow.

RNA is added to a ready-to-use HemaVision® 28Q cDNA reaction tube and incubated for 1 hour. cDNA template is transferred to each of the pre-mixed HemaVision® 28Q PCR reaction tubes.

Run a qPCR in a real-time PCR instrument for 2.5 hours using FAM, ROX, and Cy5 channels.

The test is completed in 4 hours after RNA extraction.

Easy and fast workflow



1.Pipetting/2.cDNA synthesis/3.Pipetting/4.qPCR/5.Interpretation

Catalogue numbers:

HV01-28Q

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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.

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