

DNA  
DIAGNOSTIC

# HemaVision

Screening Kits  
for Leukemia  
associated  
Translocations

## HemaVision®

- 17 different kits for detection of leukemia associated translocations
- Detection of up to 28 translocations & up to +145 breakpoints and splice variants
- Results in just 4 or 12 hours
- CE- marked for IVD
- 12 tests (RT-qPCR) or 25 tests (RT-PCR) per kit

HemaVision

Detect translocations  
in just 4 or 12 hours.

# Introduction

HemaVision® is a series of CE marked in vitro diagnostic (IVD) tests for fast and sensitive detection of chromosomal translocations associated with leukemia. The tests are fast 12 hours RT-PCR or 4 hours RT-qPCR screening tests, capable of

analysing for up to 28 translocations and more than 145 clinical relevant translocation breakpoints in a single test. The starting material for the HemaVision® tests is total RNA extracted from whole blood or bone marrow.

Product category	RT-PCR														RT-qPCR		
	Nested PCR	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
Product name and catalogue number	HemaVision 28N - HV01-28N	HemaVision-Screen - HV01-Screen	HemaVision-7- HV01-7	HemaVision-5,12 - HV02-512N	HemaVision-8,21, HV02-821N	HemaVision-9,22, HV02-922N	HemaVision-15,17 - HV02-1517N	HemaVision-16N, HV02-16N	HemaVision-1,19 - HV03-119	HemaVision-4,11, HV03-411	HemaVision-8,21 - HV03-821	HemaVision-9,22, HV03-922	HemaVision-12,21 - HV03-1221	HemaVision-15,17, HV03-1517	HemaVision-16 - HV03-16	HemaVision 28Q - HV01-28Q	HemaVision 7Q - HV01-7Q
Translocation	X	X														X	
del1(p32) (STIL-TAL1)	X	X														X	
t(1;11) (p32;q23.3) (KMT2A-EPS15)	X	X														X	
t(1;11) (q21;q23.3) (KMT2A-MLLT1)	X	X														X	
t(1;19) (q23;p13) (TCF3-PBX1)	X	X	X						X							X	X
t(3;5) (q25.1;q34) (NPM1-MLF1)	X	X														X	
t(3;21) (q26;q22) (RUNX1-MECOM)	X	X														X	
t(4;11) (q21;q23.3) (KMT2A-AFF1)	X	X	X								X					X	X
t(5;12) (q33;p13) (ETV6-PDGFRB)	X	X		X												X	
t(5;17) (q35;q21) (NPM1-RARA)	X	X														X	
t(6;9) (p23;q34) (DEK-NUP214)	X	X														X	
t(6;11) (q27;q23.3) (KMT2A-AFDN)	X	X														X	
t(8;21) (q22;q22) (RUNX1-RUNX1T1)	X	X	X		X								X			X	X
t(9;9) (q34;q34) (SET-NUP214)	X	X														X	
t(9;11) (p22;q23.3) (KMT2A-MLLT3)	X	X														X	
t(9;12) (q34;p13) (ETV6-ABL1)	X	X														X	
t(9;22) (q34;q11) (BCR-ABL1)	X	X	X			X						X				X	X
t(10;11) (p12;q23.3) (KMT2A-MLLT10)	X	X														X	
t(11;17) (q23.3;q21) (KMT2A-MLLT6)	X	X														X	
t(11;17) (q23;q21) (ZBTB16-RARA)	X	X														X	
t(11;19) (q23.3;p13.1) (KMT2A-ELL)	X	X														X	
t(11;19) (q23.3;p13.3) (KMT2A-MLLT1)	X	X														X	
t(12;21) (p13;q22) (ETV6-RUNX1)	X	X	X									X				X	X
t(12;22) (p13;q11) (ETV6-MN1)	X	X														X	
t(15;17) (q24;q21) (PML-RARA)	X	X	X				X						X			X	X
inv(16) (p13;q22) (CBFB-MYH11)	X	X	X					X						X		X	X
t(16;21) (p11;q22) (FUS-ERG)	X	X														X	
t(17;19) (q22;p13) (TCF3-HLF)	X	X														X	
t(X;11) (q13;q23.3) (KMT2A-FOXO4)	X	X														X	

## Reagents

HemaVision®-RM: Catalogue number HV04-RM: Reagent Module containing dNTP, Reverse Transcriptase, 5\*RT-buffer and DDT and  
HemaVision®-RMP: Catalogue number HV06-RMP: Reagent Module containing dNTP, Reverse Transcriptase, 5\*RT-buffer, DDT, 10xPCR Buffer and HemaVision DNA Polymerase for use with the HemaVision® kits.

## Positive RNA Controls

HemaVision®-7 Positive Control: Catalogue number HV05-7PC.  
Positive Controls for HemaVision®-7 and the Non-Nested Single Translocation kits.  
Translocations covered: t(1;19), t(12;21), inv(16), t(15;17), t(9;22), t(8;21), and t(4;11)  
HemaVision®-Q Positive Control: Catalogue number HV05-PCQ:  
Positive Controls for HemaVision® 7Q and HemaVision® 28Q.  
Translocations covered: t(15;17), inv(16), t(8;21), t(12;21), t(1;19), t(4;11), t(9;22), del(1), t(6;9)  
The kit contains RNA for one cDNA synthesis reaction for each of the 7 translocations.

For more info visit [www.dna-diagnostic.com](http://www.dna-diagnostic.com) or contact Tel +45 87 32 30 50 · [info@dna-diagnostic.com](mailto:info@dna-diagnostic.com)

# DNA DIAGNOSTIC

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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.