

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		
	HV01-28N	HV01-Screen	HV01-7	HV02-512N	HV02-821N	HV02-922N	HV02-1517N	HV02-16N	HV03-119	HV03-411	HV03-821	HV03-922	HV03-1221	HV03-1517	HV03-16	HV01-28Q	HV01-7Q
Nested PCR	x	x		x	x	x	x	x									
Catalog no	HV01-28N	HV01-Screen	HV01-7	HV02-512N	HV02-821N	HV02-922N	HV02-1517N	HV02-16N	HV03-119	HV03-411	HV03-821	HV03-922	HV03-1221	HV03-1517	HV03-16	HV01-28Q	HV01-7Q
Translocation	x	x														x	
del1(p32) (STIL-TAL1)	x	x														x	
t(1;11) (p32;q23) (KMT2A-EPS15)	x	x														x	
t(1;11) (q21;q23) (KMT2A-MLLT11)	x	x	x													x	x
t(1;19) (q23;p13) (TCF3-PBX1)	x	x							x							x	
t(3;5) (q25;q34) (NPM1-MLF1)	x	x														x	
t(3;21) (q26;q22) (RUNX1-MECOM)	x	x														x	
t(4;11) (q21;q23) (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) (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) (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) (KMT2A-MLLT10)	x	x														x	
t(11;17) (q23;q21) (KMT2A-MLLT6)	x	x														x	
t(11;17) (q23;q21) (ZBTB16-RARA)	x	x														x	
t(11;19) (q23;p13.1) (KMT2A-ELL)	x	x														x	
t(11;19) (q23;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	
inv(16) (p13;q22) (CBFB-MYH11)	x	x	x					x							x	x	x
t(16;21) (p11;q22) (FUS-ERG)	x	x	x													x	x
t(17;19) (q22;p13) (TCF3-HLF)	x	x														x	
t(X;11) (q13;q23) (KMT2A-FOXO4)	x	x														x	

Reagents

HemaVision®-RM: Catalogue number HV04-RM: Reagent Module containing dNTP, Reverse Transcriptase, 5*RT-buffer and DDT for use together with the HemaVision® kits.

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