

DNA  
DIAGNOSTIC

# HemaVision

## Screening Kits for Leukemia associated Translocations

### HemaVision

Detect translocations  
in just 4 or 12 hours.

## 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

Beratung und Vertrieb in Deutschland durch:



**HiSS**  
Diagnostics

# 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-MLLT1)	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.

Beratung und Vertrieb  
in Deutschland durch:

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