



Molecular Tests for Leukemia and Lymphoma

Prices of the tests are in Euro, but can be converted to your local currency with the [currency converter](#).

1. Fusion Genes

Tests can be performed on whole blood (>4ml) or bone marrow (>1ml) stored in PAX RNA tubes (available on request).

Disease	Diagnostic / Follow-up	Target	Fusion Product	Price in Euro
ACUTE LEUKEMIA	Diagnostic	Multiplex	28 fusion products (see below)	350
ACUTE LEUKEMIA	Follow-up	t(1; 11)(p32;q23)	MLL / AF1p	200
ACUTE LEUKEMIA	Follow-up	t(1; 11)(q21;q23)	MLL / AF1q	200
ACUTE LEUKEMIA	Follow-up	t(1; 19)(q23;p13)	E2A / PBX1	200
ACUTE LEUKEMIA	Follow-up	t(3; 21)(q26;q22)	AML / EAP / MDS / EVI1	200
ACUTE LEUKEMIA	Follow-up	t(3; 5)(q25.1;q34)	NPM / MLF1	200
ACUTE LEUKEMIA	Follow-up	t(4; 11)(q21;q23)	MLL / AF4	200
ACUTE LEUKEMIA	Follow-up	t(5; 12)(q33;p13)	TEL / PDGFRB	200
ACUTE LEUKEMIA	Follow-up	t(5; 17)(q35;q21)	NPM / RARA	200
ACUTE LEUKEMIA	Follow-up	t(6; 11)(q27;q23)	MLL / AF6	200
ACUTE LEUKEMIA	Follow-up	t(6; 9)(p23;q34)	DEK / CAN	200
ACUTE LEUKEMIA	Follow-up	t(8; 21)(q22;q22)	AML1 / MGT8	200
ACUTE LEUKEMIA	Follow-up	t(9; 11)(p22;q23)	MLL / AF9	200
ACUTE LEUKEMIA	Follow-up	t(9; 12)(q34;p13)	TEL / ABL	200
ACUTE LEUKEMIA	Follow-up	t(9; 22)(q34;q11)*	BCR / ABL	200
ACUTE LEUKEMIA	Follow-up	t(9; 9)(q34;q34)	SET / CAN	200
ACUTE LEUKEMIA	Follow-up	t(10; 11)(p12;q23)	MLL / AF10	200
ACUTE LEUKEMIA	Follow-up	t(11; 17)(q23;q21)	MLL / AF17	200
ACUTE LEUKEMIA	Follow-up	t(11; 17)(q23;q21)	PLZF / RARA	200
ACUTE LEUKEMIA	Follow-up	t(11; 19)(q23;p13.1)	MLL / ELL	200
ACUTE LEUKEMIA	Follow-up	t(11; 19)(q23;p13.3)	MLL / ENL	200
ACUTE LEUKEMIA	Follow-up	t(12; 21)(p13;q22)*	TEL / AML1	200
ACUTE LEUKEMIA	Follow-up	t(12; 22)(p13;q11)	TEL / MN1	200
ACUTE LEUKEMIA	Follow-up	t(15; 17)(q22;q21)	PML / RARA	200
ACUTE LEUKEMIA	Follow-up	t(16; 21)(q11;q22)	TLS / ERG	200
ACUTE LEUKEMIA	Follow-up	t(17; 19)(q22;p13)	E2A / HLF	200
ACUTE LEUKEMIA	Follow-up	inv(16)(p13;q22)	CBFb / MYH11	200
ACUTE LEUKEMIA	Follow-up	t(X; 11)(q13;q23)	MLL / AFX	200
ACUTE LEUKEMIA	Follow-up	TAL1deletion(p34)	SIL / TAL1	200
AML	Diagnostic	t(1; 22)(p13;q13)	OTT / MAL	200
CML	Diagnostic	t(9; 22)(q34;q11)*	BCR / ABL	200
CML	Follow-up	t(9; 22)(q34;q11)*	BCR / ABL	200
HYPEREOSINOPHILIC SYNDROME	Follow-up	t(5; 12)(q33;p13)	TEL / PDGFRB	200
HYPEREOSINOPHILIC SYNDROME	Diagnostic	del(4)(q12q12)	FIP1L1-PDGFR	150
CHRONIC EOSINOPHILIC LEUKEMIA				
LYMPHOMA	Diagnostic	t(14; 18)(p32;q21)	BCL-2 / JH	150
LYMPHOMA	Follow-up	t(14; 18)(p32;q21)	BCL-2 / JH	150

AML: acute myeloid leukaemia
 CML: chronic myeloid leukaemia
 CLL: chronic lymphatic leukaemia
 T-ALL: T lineage acute lymphoblastic leukaemia

* also quantitative determination

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2. Gene Overexpression

Tests can be performed on whole blood (>4ml) or bone marrow (>1ml) stored in PAX RNA tubes (available on request).

Disease	Diagnostic / Follow-up	Test	Price in Euro
ACUTE LEUKEMIA	Diagnostic / Follow-up	WT1 overexpression	200
CLL	Diagnostic	ZAP-70 overexpression	350
LYMPHOMA	Diagnostic	cyclinD1 overexpression	200
T-ALL	Diagnostic	Hox11L2 overexpression	200

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3. Rearrangements in IGH or T-cell receptor Genes

Tests can be performed on whole blood (>4ml) or bone marrow (>1ml) stored in EDTA tubes.
Tests can also be performed on biopsies upon request (please contact us in advance).

Disease	Diagnostic / Follow-up	Test	Price in Euro
LYMPHOMA OR ACUTE LEUKEMIA	Diagnostic	IgH gene rearrangement (FR2, FR3)	350
LYMPHOMA OR ACUTE LEUKEMIA	Diagnostic	TCR Gamma gene rearrangement (J, JP)	350

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4. Miscellaneous

Tests can be performed on whole blood (> 4ml) or bone marrow (> 1ml) stored in PAX RNA tubes.

Disease	Diagnostic / Follow-up	Target	Comment	Price in Euro
ACUTE LEUKEMIA	Diagnostic & Follow-up	Activating mutation (Internal tandem duplication) of the FLT3	Responsiveness to Various FLT3 Inhibitors	240
ACUTE LEUKEMIA	Diagnostic & Follow-up	Activating mutations in exon 14 of the FLT3	Responsiveness to Various FLT3 Inhibitors	200
ACUTE MYELOID LEUKEMIA	Diagnostic & Follow-up	Mutations in Exons 8, 11 AND 17 in KIT	Gleevec/Imatinib Responsiveness	500
ACUTE MYELOID LEUKEMIA	Follow-up	Exon 20 Mutations in FLT3 (Including ASP835)	Responsiveness to Various FLT3 Inhibitors	200
BONE MARROW TRANSPLANT: ENGRAFTMENT CONTROL	Follow-up	STR Markers	Chimerism	440
CHRONIC MYELOID LEUKEMIA AND ACUTE LEUKEMIA	Diagnostic & Follow-up	Mutations in Exons 4-10 of the ABL Gene (Including T315I)	Gleevec/Imatinib Responsiveness	440
CHRONIC MYELOMONOCYTIC LEUKEMIA (CMML)	Diagnostic	V617F Mutation in JAK2		200
ESSENTIAL THROMBOCYTHEMIA	Diagnostic	V617F Mutation in JAK2		200
HYPEREOSINOPHILIC SYNDROME	Diagnostic	V617F Mutation in JAK2		200
MAST CELL LEUKEMIA	Diagnostic & Follow-up	Mutations in Exon 17 in KIT	Gleevec/Imatinib Responsiveness	300
MASTOCYTOSIS	Diagnostic & Follow-up	Mutations in Exon 17 in KIT	Gleevec/Imatinib Responsiveness	300
MYELOID METAPLASIA WITH MYELOFIBROSIS	Diagnostic	V617F Mutation in JAK2		200
NEUTROPHILIC LEUKEMIA (CNL)	Diagnostic	V617F Mutation in JAK2		200
POLYCYTHEMIA VERA	Diagnostic	V617F Mutation in JAK2		200
SYSTEMIC MASTOCYTOSIS	Diagnostic	V617F Mutation in JAK2		200
THE MYELOYDPLASTIC SYNDROMES	Diagnostic	V617F Mutation in JAK2		200

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