



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.

Disease	Diagnostic / Follow-up	Target	Fusion Product	Price in Euro
ACUTE LEUKEMIA	Diagnostic	Multiplex	28 fusion products (see below)	550
ACUTE LEUKEMIA	Follow-up	t(1; 11)(p32; q23)	MLL / AF1p	300
ACUTE LEUKEMIA	Follow-up	t(1; 11)(q21; q23)	MLL / AF1q	300
ACUTE LEUKEMIA	Follow-up	t(1; 19)(q23; p13)	E2A / PBX1	300
ACUTE LEUKEMIA	Follow-up	t(3; 21)(q26; q22)	AML / EAP / MDS / EVI1	300
ACUTE LEUKEMIA	Follow-up	t(3; 5)(q25.1; q34)	NPM / MLF1	300
ACUTE LEUKEMIA	Follow-up	t(4; 11)(q21; q23)	MLL / AF4	300
ACUTE LEUKEMIA	Follow-up	t(5; 12)(q33; p13)	TEL / PDGFRB	300
ACUTE LEUKEMIA	Follow-up	t(5; 17)(q35; q21)	NPM / RARA	300
ACUTE LEUKEMIA	Follow-up	t(6; 11)(q27; q23)	MLL / AF6	300
ACUTE LEUKEMIA	Follow-up	t(6; 9)(p23; q34)	DEK / CAN	300
ACUTE LEUKEMIA	Follow-up	t(8; 21)(q22; q22)	AML1 / MGT8	300
ACUTE LEUKEMIA	Follow-up	t(9; 11)(p22; q23)	MLL / AF9	300
ACUTE LEUKEMIA	Follow-up	t(9; 12)(q34; p13)	TEL / ABL	300
ACUTE LEUKEMIA	Follow-up	t(9; 22)(q34; q11)*	BCR / ABL	300
ACUTE LEUKEMIA	Follow-up	t(9; 9)(q34; q34)	SET / CAN	300
ACUTE LEUKEMIA	Follow-up	t(10; 11)(p12; q23)	MLL / AF10	300
ACUTE LEUKEMIA	Follow-up	t(11; 17)(q23; q21)	MLL / AF17	300
ACUTE LEUKEMIA	Follow-up	t(11; 17)(q23; q21)	PLZF / RARA	300
ACUTE LEUKEMIA	Follow-up	t(11; 19)(q23; p13.1)	MLL / ELL	300
ACUTE LEUKEMIA	Follow-up	t(11; 19)(q23; p13.3)	MLL / ENL	300
ACUTE LEUKEMIA	Follow-up	t(12; 21)(p13; q22)*	TEL / AML1	300
ACUTE LEUKEMIA	Follow-up	t(12; 22)(p13; q11)	TEL / MN1	300
ACUTE LEUKEMIA	Follow-up	t(15; 17)(q22; q21)	PML / RARA	300
ACUTE LEUKEMIA	Follow-up	t(16; 21)(q11; q22)	TLS / ERG	300
ACUTE LEUKEMIA	Follow-up	t(17; 19)(q22; p13)	E2A / HLF	300
ACUTE LEUKEMIA	Follow-up	inv(16)(p13; q22)	CBFb / MYH11	300
ACUTE LEUKEMIA	Follow-up	t(X; 11)(q13; q23)	MLL / AFX	300
ACUTE LEUKEMIA	Follow-up	TAL1deletion(p34)	SIL / TAL1	300
AML	Diagnostic	t(1; 22)(p13; q13)	OTT / MAL	300
CML	Diagnostic	t(9; 22)(q34; q11)*	BCR / ABL	300
CML	Follow-up	t(9; 22)(q34; q11)*	BCR / ABL	300
HYPEREOSINOPHILIC SYNDROME	Follow-up	t(5; 12)(q33; p13)	TEL / PDGFRB	300
ACUTE LEUKEMIA	Diagnostic	t(8; 9)(p21-23; p23-24)	PCM1 / JAK2	150
LYMPHOMA	Diagnostic	t(14; 18)(p32; q21)	BCL-2 / JH	300
LYMPHOMA	Follow-up	t(14; 18)(p32; q21)	BCL-2 / JH	300

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.

Disease	Diagnostic / Follow-up	Test	Price in Euro
ACUTE LEUKEMIA	Diagnostic / Follow-up	WT1 overexpression	300
LYMPHOMA	Diagnostic	cyclinD1 overexpression	300
T-ALL	Diagnostic	Hox11L2 overexpression	300

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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)	400
LYMPHOMA OR ACUTE LEUKEMIA	Diagnostic	TCR Gamma gene rearrangement (J, JP)	400

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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	350
ACUTE LEUKEMIA	Diagnostic & Follow-up	Activating mutations in exon 14 of the FLT3	Responsiveness to Various FLT3 Inhibitors	300
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	300
BONE MARROW TRANSPLANT: ENGRAFTMENT CONTROL	Follow-up	STR Markers	Chimerism	500
CHRONIC MYELOID LEUKEMIA AND ACUTE LEUKEMIA	Diagnostic & Follow-up	Mutations in Exons 4-10 of the ABL Gene (Including T315I)	Gleevec/Imatinib Responsiveness	500
CHRONIC MYELOMONOCYTIC LEUKEMIA (CMML)	Diagnostic	V617F Mutation in JAK2		300
ESSENTIAL THROMBOCYTHEMIA	Diagnostic	V617F Mutation in JAK2		300
HYPEREOSINOPHILIC SYNDROME	Diagnostic	V617F Mutation in JAK2		300
MAST CELL LEUKEMIA	Diagnostic & Follow-up	Mutations in Exon 17 in KIT	Gleevec/Imatinib Responsiveness	400
MASTOCYTOSIS	Diagnostic & Follow-up	Mutations in Exon 17 in KIT	Gleevec/Imatinib Responsiveness	400
MYELOID METAPLASIA WITH MYELOFIBROSIS	Diagnostic	V617F Mutation in JAK2		300
NEUTROPHILIC LEUKEMIA (CNL)	Diagnostic	V617F Mutation in JAK2		300
POLYCYTHEMIA VERA	Diagnostic	V617F Mutation in JAK2		300
SYSTEMIC MASTOCYTOSIS	Diagnostic	V617F Mutation in JAK2		300
THE MYELODYSPLASTIC SYNDROMES	Diagnostic	V617F Mutation in JAK2		300

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