



FISH Analysis

FOR HEMATOLOGICAL DISORDERS, SOLID TUMORS AND LYMPHOMAS

CLL

AML

Multiple
Myeloma

ALL

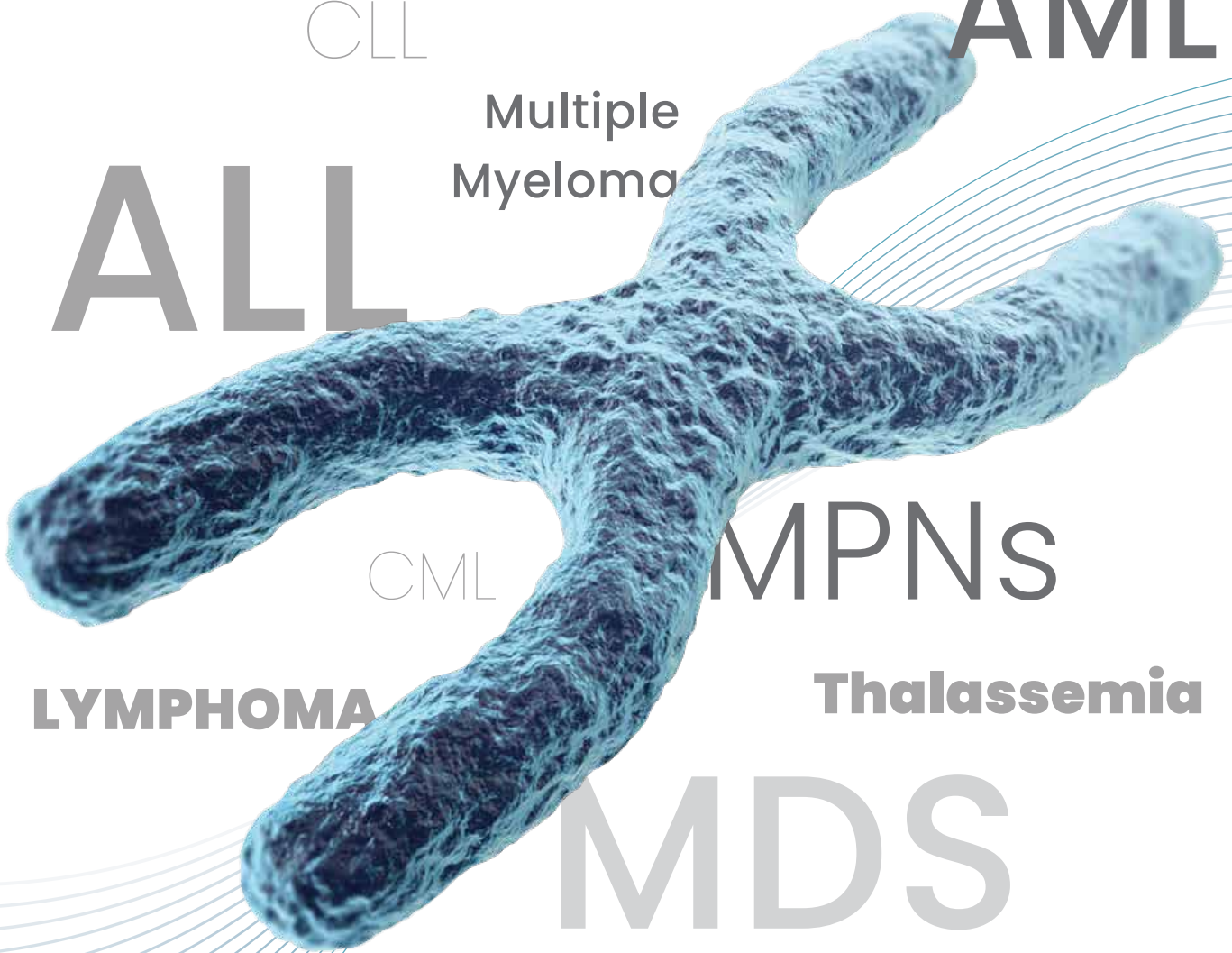
CML

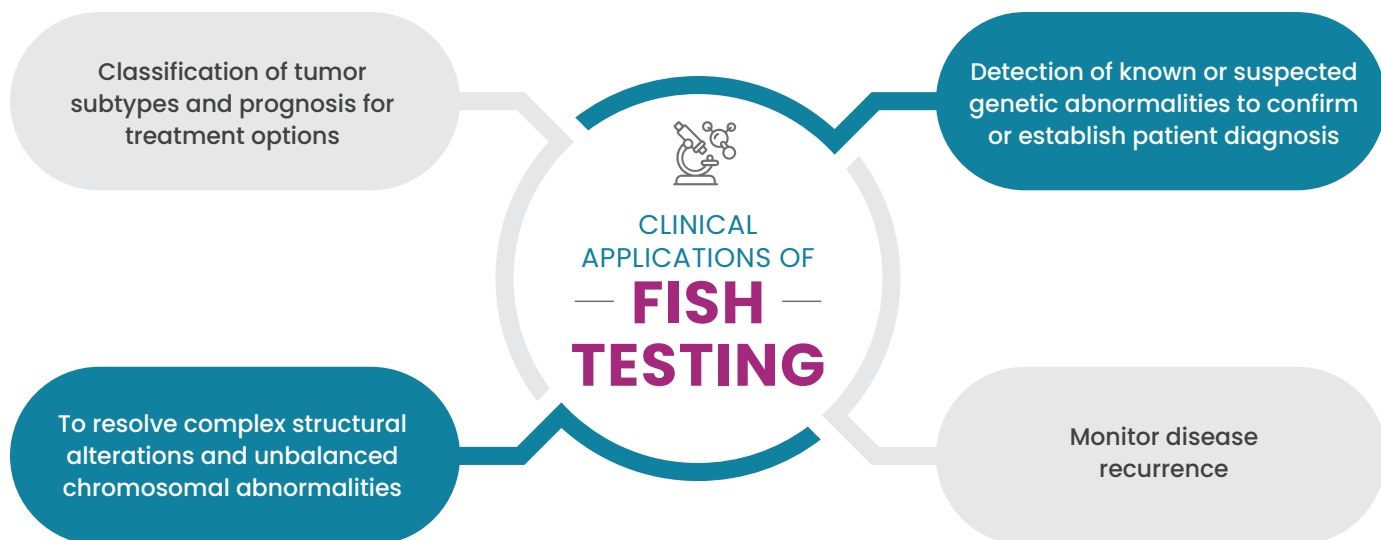
MPNs

LYMPHOMA

Thalassemia

MDS





FISH TEST IS ADVISED IN THE FOLLOWING SITUATIONS

- Companion testing with chromosome analysis to further delineate chromosomal abnormalities.
- Most useful when the analysis is targeted towards those abnormalities that are known to be associated with a particular disease.

TEST ORDERING INFORMATION

Hematolife-CLL

Test Code	Test Name	Components	Sample Type	TAT
ONCO0020	OncoLife-CLL- FISH	del(13q),del(11q22)(ATM),del(6q23),del(17p),+12,IGH, t(11;14) (7Markers)	2-3 ml bonemarrow/peripheral blood in sodium heparin (Green top) tube	FISH - 5 working Days
ONCO0021	OncoLife-CLL, FISH+KT	del(13q), del(11q22)(ATM), del(6q23), del(17p), +12, IGH, t(11;14)(7Markers) + KT		Karyotyping - 10 working Days
ONCO0022	OncoLife-CLL Extended, FISH	del(13q), del(11q22)(ATM), del(6q23), del(17p), +12, IGH, t(11;14), t(4;14), t(14;16),t(14:20),t(6;14) (11Markers)		

Hematolife-Multiple Myeloma

Test Code	Test Name	Components	Sample Type	TAT
ONCO0025	OncoLife-MM - FISH (plasma cells enrichment)	del(17p), -13/del(13q), del(1p)&Amp(1q), IGH translocation, +3, +7, +9, +15 (8Markers)	2-3 ml bonemarrow/peripheral blood in sodium heparin (Green top) tube	FISH - 5 working Days
ONCO0026	OncoLife-MM,- FISH +KT (with plasma cells enrichment)	del(17p), -13/del(13q), del(1p)&Amp(1q), IGH translocation, +3, +7, +9, +15(8Markers)		Karyotyping - 10 working Days
ONCO0027	OncoLife-MM,FISH Extended (plasma cells enrichment)	del(17p), -13/del(13q),del(1p)&Amp(1q),IGH,+3,+7,+9,+15, t(11;14), t(4;14), t(14;16),t(14:20),t(6;14)(13Markers)		

Hematolife ALL panels

Test Code	Test Name	Components	Sample Type	TAT
ONCO0097	Oncolife ALL-B-Cell Basic panel	BCR-ABL1, TEL- AML1, E2A BA, MLL	2-3 ml bonemarrow/peripheral blood in sodium heparin (Green top) tube	FISH - 5 working Days Karyotyping - 10 working Days
ONCO0098	Oncolife ALL-B-Cell Basic panel + KT	BCR-ABL1, TEL- AML1, E2A BA, MLL + KT		
ONCO0100	Oncolife ALL-T-Cell Basic panel	del(9p21), KMT2A(MLL) translocation, TCR-A/D(14q11) translocation, TCR-B(7q34) translocation, TLX1(10q24) translocation, TLX3(5q35) translocation/rearrangement		
ONCO0101	Oncolife ALL-T-Cell Basic panel +KT	del(9p21), KMT2A(MLL) translocation, TCR-A/D(14q11) translocation, TCR-B(7q34) translocation, TLX1(10q24) translocation, TLX3(5q35) translocation/rearrangement + KT		
ONCO0099	Oncolife ALL-Pediatric extended (B&T cell)	BCR-ABL1, TEL- AML1, E2A BA, MLL, +4, +10, +17, IgH, 9p21, TP53		

Hematolife Lymphomas

Test Code	Test Name	Components	Sample Type	TAT
ONCO0070	Oncolife B-Cell NHL Panel, FFPE	MYC(8q24) translocation, t(14;18)(IGH-BCL2), T(3q27)(BCL6) rearrangement	Formalin fixed paraffin Embedded Tissue Block	FISH - 5 working Days Karyotyping - 10 working Days
ONCO0108	Oncolife - MALT Lymphoma panel, FFPE	t(18;18)(MALT1) translocation, t(14;18)(IGH-BCL2), t(3;14)(BCL6) rearrangement	Formalin fixed paraffin Embedded Tissue Block	
ONCO0107	Oncolife - MALT Lymphoma panel	t(18;18)(MALT1) translocation, t(14;18)(IGH-BCL2), t(3;14)(BCL6) rearrangement	2-3 ml bonemarrow/peripheral blood in sodium heparin (Green top) tube	
ONCO0103	Oncolife B cell BASIC Lymphoma panel, FFPE	IgH (14q32) Breakapart, t(3q27)(BCL6) rearrangement	Formalin fixed paraffin Embedded Tissue Block	
ONCO0102	Oncolife B cell BASIC Lymphoma panel, BM/PB	IgH (14q32) Breakapart, t(3q27)(BCL6) rearrangement	Formalin fixed paraffin Embedded Tissue Block	
ONCO0104	Oncolife B-cell-Extended Lymphoma panel, FFPE	t(14;18)(IGH-BCL2), t(8;14)(IGH-MYC), t(3q27)(BCL6) rearrangement, t(11;14)(IGH-CCND1)	Formalin fixed paraffin Embedded Tissue Block	
ONCO0105	Oncolife B-cell-Extended Lymphoma panel, BM/PB	t(14;18)(IGH-BCL2), t(8;14)(IGH-MYC), t(3q27)(BCL6) rearrangement, t(11;14)(IGH-CCND1)	2-3 ml bonemarrow/peripheral blood in sodium heparin (Green top) tube	
ONCO0110	Oncolife T-cell Lymphoma Panel, FFPE	2p23(ALK) translocation, i(7q), +8	Formalin fixed paraffin Embedded Tissue Block	
ONCO0109	Oncolife Myeloproliferative neoplasm(MPN) FISH panel	BCR-ABL1, PDGFRB(5q), -7/7qdeletion, -5/5q deletion, FGFR1(8p21), del13q14, del20q12, PDGFRA(4q12)	2-3 ml bonemarrow/peripheral blood in sodium heparin (Green top) tube	
ONCO0106	Oncolife Hodgkin's lymphoma panel	IgH rearrangement, BCL2(18q21)	Formalin fixed paraffin Embedded Tissue Block	

Hematolife Chronic eosinophilic leukemia

Test Code	Test Name	Components	Sample Type	TAT
ONCO0095	Oncolife Chronic eosinophilic leukemia panel	PDGFRA (4q12) rearrangement with CHIC2 deletion, PDGFRB(5q33) rearrangement, FGFR1(8p12) rearrangement	2-3 ml bonemarrow/peripheral blood in sodium heparin (Green top) tube	FISH - 5 working Days Karyotyping - 10 working Days
F0082	8p FGFR-1 HES, BM/PB	8p FGFR-1		
F0091	PDGFR Beta rearrangement t(5q33) (HES), BM/PB	PDGFR Beta rearrangement t(5q33)		
F0096	t(4q12) PDGFR Alpha Rearrangement (HES), BM/PB	t(4q12) PDGFR Alpha Rearrangement		
ONCO0096	Oncolife Chronic eosinophilic leukemia panel + KT	PDGFRA (4q12) rearrangement with CHIC2 deletion, PDGFRB(5q33) rearrangement, FGFR1(8p12) rearrangement + KT		

Hematolife-CLL

Test Code	Test Name	Components	Sample Type	TAT
K0011	Karyotyping- Non leukemia	Karyotyping- Non Leukemia	2-3 ml bonemarrow/peripheral blood in sodium heparin (Green top) tube	FISH - 5 working Days Karyotyping - 10 working Days
K0012	Karyotyping- Leukemia	Karyotyping		
S0045	Stress Cytogenetics- chromosomal breakage Study	Fanconi Anemia		
ONCO0015	Oncolife-AML- Basic panel, FISH	t(8;21), inv(16), BCR-ABL1, MLL, t(15;17),3q26(EV11), del(17p) (7Markers)		
ONCO0016	Oncolife- AML Basic panel, FISH+KT	t(8;21), inv(16), BCR-ABL1, MLL, t(15;17), 3q26(EV11), del(17p) (7Markers)+ KT		
ONCO0017	Oncolife- AML Extended FISH	t(8;21), inv(16), BCR-ABL1, MLL, PML-RARAt(15;17), inv(3), del(17p), t(9;11), t(11;19), t(4;11), t(6;11) (11Markers)		

Hematolife-MDS

Test Code	Test Name	Components	Sample Type	TAT
ONCO0023	Oncolife-MDS, FISH	-5/del(5q),-7/del(7q), +8,del(20q),del(17p) (5Markers)	2-3 ml bonemarrow/peripheral blood in sodium heparin (Green top) tube	FISH - 5 working Days Karyotyping - 10 working Days
ONCO0024	Oncolife-MDS,FISH+Karyotyping	-5/del(5q),-7/del(7q), +8,del(20q), TP53 deletion del(17q) (5Markers) + KT		
ONCO0018	Oncolife-AML and MDS,FISH	t(8;21), inv(16), BCR-ABL1, MLL, PML-RARA, -5/del(5q), 7/del(7q), +8,3q26(EV11), del(17p) (10Markers)		
ONCO0019	Oncolife- AML and MDS Extended,FISH	t(8;21), inv(16), BCR-ABL1, KMT2A(MLL), PML-RARA, -5/del(5q), -7/del(7q), +8, inv(3) EV11 reaarangement, TP53 deletion del(17p), Translocation: t(9;11), t(11;19),t(4;11), t(6;11) (14Markers)		



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