

HEMATOLOGY REQUISITION FORM



Identification (Mandatory):		GenoMed use only	
Name:		Label	
Gender: F <input type="checkbox"/> M <input type="checkbox"/>	Referring doctor:		
Date of birth:	Hospital/Service:		
Identification number:	Telephone or email:		
Do you authorize the report to be sent by email? Yes <input type="checkbox"/> No <input type="checkbox"/> If yes, please indicate the institutional e-mail address: _____			

Clinical Data and Diagnosis:		Leucocyte count	
		Blast infiltration (%).....	
Clinical Situation: Inicial Diagnosis <input type="checkbox"/> Relapse <input type="checkbox"/> Monitoring <input type="checkbox"/>	Therapy: No <input type="checkbox"/> Yes <input type="checkbox"/> Which?		
Bone Marrow Transplant (BMT): No <input type="checkbox"/> Yes <input type="checkbox"/> Date:	Recipient: Pre-BMT <input type="checkbox"/> Post-BMT <input type="checkbox"/>		
Donor: Gender F <input type="checkbox"/> M <input type="checkbox"/> Relative <input type="checkbox"/>	Panel <input type="checkbox"/>		
Sample: Peripheral Blood <input type="checkbox"/> Bone Marrow <input type="checkbox"/> Lymph Node <input type="checkbox"/> Other <input type="checkbox"/>	Collection: Date:/...../..... Time.....		

TEST DIRECTORY:		COLLECTION IN EDTA TUBE- MOLECULAR		COLLECTION IN EDTA TUBE- MOLECULAR BIOLOGY	
COLLECTION IN HEPARIN TUBE CONVENTIONAL CYTOGENETIC		34201 DNA Extraction	<input type="checkbox"/>		
34100 Karyotype (cell culture + analysis)	<input type="checkbox"/>	34205 RNA Extraction	<input type="checkbox"/>		
34025 Cell Culture without analysis	<input type="checkbox"/>	34201 Processing for Molecular Biology Tests	<input type="checkbox"/>		
COLLECTION IN HEPARIN OR EDTA TUBE		34425 Post-transplant Chimerism Analysis	<input type="checkbox"/>		
34900 Processing for FISH studies	<input type="checkbox"/>	Fusion gene transcripts			
FISH:		34412 t(8;21) AML1-ETO	<input type="checkbox"/>	34900 NGS – Myeloid Panel:	
*Paraffin embedded tissue sections (3x50 µm): 31710		34409 t(15;17) PML-RARA	<input type="checkbox"/>	ABL1, ASXL1, BRAF, CALR, CBL, CEBPA, CSF3R, DNMT3A, ETV6, EZH2, FLT3, HRAS, IDH1, IDH2, JAK2, KIT, KRAS, MPL, NPM1, NRAS, PTPN11, RUNX1, SETBP1, SF3B1, SRSF2, TET2, TP53, U2AF1, WT1, ZRSR2	
Chronic Lymphocytic Leukemia		34584 inv(16) CBFβ-MYH11	<input type="checkbox"/>		
5x34156* Panel 1 - 11q-, 17p-, +12, IgH, 13q-	<input type="checkbox"/>	34209 t(4;11) MLL-AF4	<input type="checkbox"/>		
7x34156* Panel 2 - 11q-, 17p-, +12, IgH, 13q- (D13S319 e D13S25), 6q-	<input type="checkbox"/>	34403 t(9;22) BCR-ABL	<input type="checkbox"/>		
Myelodysplastic Syndrome		34418 t(1;19) E2A-PBX1	<input type="checkbox"/>	NGS – Specific Panels:	
3x34156 Panel 1 - 5q-, 7q-, 20q-	<input type="checkbox"/>	34210 del(1) SIL-TAL1	<input type="checkbox"/>	Acute Myeloid Leukemia (AML)	
5x34156 Panel 2 - 5q-, 7q-, 20q-, +8, 17p-	<input type="checkbox"/>	34622 t(12;21) TEL-AML1	<input type="checkbox"/>	ASXL1, BRAF, CEBPA, DNMT3A, EZH2, FLT3, IDH1, IDH2, KIT, KRAS, NPM1, NRAS, RUNX1, SRSF2, TET2, TP53, U2AF1, WT1	
36301 Panel 3 - 5q- (5q31 and 5q33-34), 7q-, 20q-	<input type="checkbox"/>	36300 del(4)(q12;q12) FIP1L1-PDGFR α	<input type="checkbox"/>	34900 Myelodysplastic Syndrome (MDS)	
Multiple Myeloma		Quantification of fusion gene transcripts			
36229 Panel 1 - clg-FISH: 13q-, 17p-, t(4;14), t(11;14), t(14;16)	<input type="checkbox"/>	36219 t(9;22) BCR-ABL: p190	<input type="checkbox"/>	Panel 1 - ASXL1, BRAF, CBL, CEBPA, CSF3R, DNMT3A, EZH2, FLT3, HRAS, IDH1, IDH2, KRAS, MPL, NPM1, NRAS, RUNX1, SF3B1, SRSF2, TET2, TP53, U2AF1, WT1, ZRSR2	
7x34156 Panel 2 - clg-FISH: 13q-, 17p-, t(4;14), t(11;14), t(14;16), 1q+, aneuploidias 5, 9 e 15	<input type="checkbox"/>	36219 t(9;22) BCR-ABL: p210	<input type="checkbox"/>	34900 Panel 2 – ASXL1, ETV6, RUNX1, SF3B1, TP53	
4x34156 Panel 3 - clg-FISH: 17p-, t(4;14), t(14;16), 1q+	<input type="checkbox"/>	Mutation Assays		Myeloproliferative Neoplasms (MPNs)	
Diffuse Large Cell Lymphoma		36220 BCR-ABL Resistant Mutation Assay	<input type="checkbox"/>	34900 Panel 1 - ASXL1, EZH2, IDH1, IDH2, JAK2, SRSF2, TP53, U2AF1	
3x34156* t(14;18), MYC and BCL6	<input type="checkbox"/>	36214 FLT3 Mutation Assay(ITD e TDK)	<input type="checkbox"/>	34900 Panel 2 - ASXL1, CALR, EZH2, JAK2, MPL, SRSF2	
Follicular Lymphoma		36215 NPM1 Mutation Assay	<input type="checkbox"/>	Juvenile Myelomonocytic Leukemia (JMML)	
34156* t(14;18)	<input type="checkbox"/>	34900 CEBPA Mutation Assay	<input type="checkbox"/>	34900 CBL, KRAS, NRAS, PTPN11, RUNX1, SETBP1, ZRSR2	
Burkitt Lymphoma		34900 IDH1 Mutation Assay – exon 4	<input type="checkbox"/>	Chronic Lymphocytic Leukemia (CLL)	
34156* t(8;14)	<input type="checkbox"/>	34900 IDH2 Mutation Assay – exon 4	<input type="checkbox"/>	34900 TP53	
Malt Lymphoma		34847 c-Kit D816V Mutation Assay	<input type="checkbox"/>	Other Panels	
2x34156* t(11;18) and t(14;18) IgH/Malt1	<input type="checkbox"/>	34900 ASXL1 Mutation Assay – exon 12	<input type="checkbox"/>	
Mantle Cell Lymphoma		34900 JAK2 V617F Mutation Assay	<input type="checkbox"/>	
34156* t(11;14)	<input type="checkbox"/>	34900 CALR Mutation Assay - exon 9	<input type="checkbox"/>	
Neoplasms with eosinophilia		36245 MPL W515L/K Mutation Assay	<input type="checkbox"/>	
34156 PDGFR β	<input type="checkbox"/>	36251 JAK2 Mutation Assay- exon 12	<input type="checkbox"/>	
34156 FGFR1	<input type="checkbox"/>	36168 Mutational Status of IGHv genes	<input type="checkbox"/>	
Acute Myeloid Leukemia (AML)		34900 TP53 Mutation Assay	<input type="checkbox"/>	Other Studies	
4x34156 t(15;17), t(8;21), MLL, inv(16)	<input type="checkbox"/>	34900 MYD88 L265P Mutation Assay	<input type="checkbox"/>	34900	
Chronic Myeloid Leukemia (CML)		34900 CXCR4 (c-terminal) Mutation Assay	<input type="checkbox"/>		
34156 t(9;22)	<input type="checkbox"/>	36314 BRAF V600E Mutation Assay	<input type="checkbox"/>		
		34900 PTPN11 Mutation Assay (3, 8, 13)	<input type="checkbox"/>		
		Lymphomas – Fusion gene			
		34610 t(14;18) BCL2-IgH	<input type="checkbox"/>		
		34610 t(11;14) BCL1-IgH	<input type="checkbox"/>		
		Clonality Assays			
		36166 B Clonality Assay – IgH	<input type="checkbox"/>		
		36166 B Clonality Assay – IgK	<input type="checkbox"/>		
		36167 T Clonality Assay - TCRB	<input type="checkbox"/>		
		36167 T Clonality Assay - TCRG	<input type="checkbox"/>		

Signature of the Referring Doctor: _____ **Date:** / /

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IMP 67.28



HEMATOLOGY REQUISITION FORM



COLLECTION IN HEPARIN OR EDTA TUBE

FISH: *Paraffin embedded tissue sections (3x50 µm): 31710

COLLECTION IN EDTA TUBE

Page 1/2

OTHER TESTS

- 34156* t(14q32) *IgH*
- 34156* t(2p23) *ALK*
- 34156* t(8q24) *MYC*
- 34156* t(3q27) *BCL6*
- 34156* t(8;14)(q24;q32) *IgH/MYC*
- 34156* t(11;14)(q13;q32) *IgH/CCND1*
- 34156* t(14;18)(q32;q21) *IgH/BCL2*
- 34156* t(14;18)(q32;q21) *IgH/Malt1*
- 34156* t(11;18)(q21;q21) *API2/Malt1*
- 34156 t(14;16)(q32;q23) *IgH/MAF*
- 34156 t(4;14)(p16;q32) *IgH/FGFR3*
- 34156 Aneuploidy of 5, 9 and 15
- 34156 1q+
- 34156* 17p- [del(17p13) *TP53*]
- 34156* 6q- [del(6q21)]
- 34156* cenX/cenY
- 34156* t(17q12-q21) *RARA*
- 34156 t(15;17)(q22;q21) *PML/RARA*
- 34156 inv(16)(t(16;16))(p13;q22)
- 34156 t(9;22)(q34;q11.2) *BCR/ABL*
- 34156 t(8;21)(q22;q22) *ETO/AML1*
- 34156 t(11q23) *MLL*
- 34156 *PDGFR β*
- 34156 *FGFR1*
- 34156* 11q- [del(11q22.3) *ATM*]
- 34156* 13q- [del(13q14.3) D13S319]
- 34156* 13q- [del(13q14.3) D13S25]
- 34156 -5 ou 5q- [del(5q31)]
- 34156 -5 ou 5q- [del(5q33-34)]
- 34156 -7 ou 7q- [del(7q31)]
- 34156 20q- [del(20q12)]
- 34156 cen 8
- 34156* +12 [cen12]
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Hematology

- 34301 Antithrombin III deficiency: *SERPINC1* gene
 - 34497 Thrombophilias panel: Factor II, Factor V, *MTHFR*, and *PAI1*
 - 34370 Factor II deficiency (Prothrombin): G20210A
 - 34361 Factor V deficiency: Leiden mutation
 - 34367 Hyperhomocysteinemia: *MTHFR* gene (C677T and A1298C)
 - 34364 Plasminogen activator inhibitor 1 (PAI-1) (4G mutation)
 - 34310 Factor VII Deficiency: *F7* gene - index case
 - 34311 Factor VII Deficiency: *F7* gene - familial case
 - 34900 Factor XII deficiency: *F12* gene (C46T mutation)
 - 34900 Factor XIII deficiency: *F13A1* gene
 - 34900 Factor XIII deficiency: *F13B* gene
 - 34305 Protein S deficiency: *PROS1* gene - index case
 - 34306 Protein S deficiency: *PROS1* gene - familial case
 - 34900 Osler-Weber-Rendu disease: *ACVRL1* gene
 - 34900 Osler-Weber-Rendu disease: *ENG* gene
 - 34900 Osler-Weber-Rendu disease: *ACVRL1* and *ENG* genes (MLPA)
 - 34900 von Willebrand disease type 1, 2, 3: *VWF* gene
 - 34900 von Willebrand disease type 2A, 2B, or 2M: *VWF* gene (exon 28)
 - 34325 Sickle-cell anemia: *HBB* gene
 - 34900 Glanzmann thrombasthenia: *ITGA2B* gene
 - 34900 Glanzmann Thrombasthenia: *ITGB3* gene
 - 34900 Glanzmann thrombasthenia: *ITGA2B* and *ITGB3* genes
 - 34900 Blackfan-Diamond anemia – panel of 20 genes by NGS: *GATA1*, *RPL5*, *RPL11*, *RPL15*, *RPL26*, *RPL27*, *RPL31*, *RPL35A*, *RPL36*, *RPS7*, *RPS10*, *RPS15*, *RPS19*, *RPS24*, *RPS26*, *RPS27*, *RPS27A*, *RPS28*, *RPS29*, *TSR2*
 - 34900 Fanconi anemia – panel of 3 genes by NGS: *FANCA*, *FANCC*, *FANCG*
 - 34900 Hemophagocytic syndrome - panel of 7 genes by NGS: *DCLRE1C*, *PRF1*, *STX11*, *STXBP2*, *RAG1*, *RAG2*, *UNC13D*
 - 34900 Osler-Weber-Rendu disease – panel of 5 genes by NGS: *ACVRL1*, *ENG*, *GDF2*, *RASA1*, *SMAD4*
 - 34900 Glanzmann Thrombasthenia – panel of 2 genes by NGS: *ITGA2B* e *ITGB3*
- Other Studies**
- 34900

Informed Consent (to be filled by the patient):

Hereby I.....[name],[born], give my consent that my/my child's blood/ DNA sample will be examined for genetic changes (mutations) in the gene(s) specified below related to the diseases/ clinical features described above. Herewith I declare that I have been informed about the chances and limitations of the requested testing procedure. I was informed in detail about the consequences resulting from the test results. I agree that the sample may be stored in order to allow repetition of the tests or further related tests in the future. All data about me/ my child are subject to medical confidentiality. They can be disclosed to family members or their doctors only with my permission, but not to third parties. I'm entitled to revoke this consent at any time. I agree that my / my child's tests results/ clinical data may be used in scientific publications in anonymized form in case of approval of the Ethics Committee.

(According to the Direction of General Health standard 015/2013 updated.)

Patient's Signature: Place and Date:

Informed Consent (to be filled by the referring doctor):

Patient Informed consent for diagnosis and/or investigation in attachment YES NO

I hereby declare that patient informed consent for diagnosis and/or investigation was obtained YES NO

Signature of the Referring doctor: Date:/...../.....

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