المختبر المرجعي الوطني
National Reference Laboratory
Brought to you by M42

Hematopathology/Flow Cytometry Cytogenetics/Molecular Diagnostics Test Request

Reset Form

Patient Information (required)

Patient ID (Medical Record No.)

Patient Name (Last, First Middle)

Emirates ID or Passport Number

Sex
☐ Male ☐ Female

Birth Date (dd-mm-yyyy)

Submitting Healthcare Professional / Pathologist Information (required)

Name (Last, First)

Phone

Pathology/Clinical (required)

Include pathology report, if available.

Include a reason for testing, suspected diagnosis, brief history, and pertinent laboratory results.

Bone Marrow Transplant
☐ Yes ☐ No
☐ Autologous ☐ Allogeneic ☐ Sex mismatch

Disease Stage
☐ New diagnosis ☐ Relapse ☐ Staging
☐ MRD ☐ Follow-up

Chemotherapy / Immunotherapy
☐ CD19 ☐ CD20 ☐ CD22 ☐ CD30
☐ CD33 ☐ CD38 ☐ CD50
Date of Last Therapy (dd-mm-yyyy)

Complete Blood Count		
HGB	**MCV**	**WBC**
RBC	**RDW**	**PLT**

NRL Internal Use Only

Affix Addressograph

Specimen Collected By

Date Collected (dd-mm-yyyy)	**Time Collected**
Date Received (dd-mm-yyyy)	**Time Received**

Specimens Provided (required)

■ Blood ☐ Bone Marrow (BM) Aspirate
☐ BM Aspirate Smears No. Sent:
☐ BM Biopsy ☐ Wet Tissue
☐ Paraffin Block(s) Block ID:
■ BM Biopsy Imprints No. Sent:
☐ Lymph Node Location:
■ Wet Tissue ☐ Formalin Fixed
☐ Paraffin Block(s) Block ID:
☐ Slides. No Sent:
☐ Spleen ☐ Wet Tissue ☐ Formalin Fixed
☐ Paraffin Block(s) Block ID:
☐ Slides. No Sent:

☐ Amniotic Fluid	☐ Slides
☐ Ascitic/Peritoneal Fluid	No. Sent:
☐ Bronchoalveolar Lavage	Slide ID:
☐ CSF Drain/EVD	Site for Bronchoalveolar Lavage, Synovial Fluid, Other Body Fluid:
☐ CSF Lumbar Puncture	
☐ Pericardial Fluid	
☐ Synovial Fluid	
☐ Other Body Fluid	
☐ Fixed cells	Source/ Site:
☐ Cultured cells	
☐ DNA	

Client Information (required)

Client Name

Client Account No

Client Phone

Street Address

City	**Country**

Ship specimens to:

National Reference Laboratory
Industrial City of Abu Dhabi
Abu Dhabi, UAE.

PRINT

Customer Service: 800-NRL (675)

Visit www.nrl.ae for the most up-to-date information on tests and shipping information.

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HEMATOPATHOLOGY CONSULTATION

☐ **21001** Complete Blood Count & Differential

☐ **21080** Pathologist Review, Peripheral Blood Smear

☐ **Histology** Pathology Bone Marrow Request

☐ **Histology** Pathology Tissue Request (Lymph Node/Spleen)

☐ **21090** Cell Count and Differential –Synovial Fluid

☐ **21110** Cell Count and Differential – CSF

☐ **21140** Cell Count and Differential – Pleural Fluid

☐ **21160** Cell Count and Differential – BAL

☐ **21180** Cell Count and Differential – Peritoneal Fluid

☐ **21201** Cell Count and Differential – Other Body Fluid

☐ **492901** Synovial Fluid Crystal Identification

FLOW CYTOMETRY

Hematological Malignancy Diagnosis

☐ **9904026** Leukemia/Lymphoma/Myeloma Flow Cytometry Panel - *Bone marrow*

☐ **9904027** Leukemia/Lymphoma/Myeloma Flow Cytometry Panel - *Blood*

☐ **9904029** Leukemia/Lymphoma/Myeloma Flow Cytometry Panel - *Tissue*

☐ **9904028** Leukemia/Lymphoma/Myeloma Flow Cytometry Panel - *Body Fluid*

☐ **1024000** Acute Leukemia Flow Cytometry Panel

☐ **1024001** Chronic Lymphoproliferative Disorder (CLPD) Flow Cytometry Panel

☐ **1024002** Multiple Myeloma Flow Cytometry Panel

Minimal Residual Disease (MRD)

☐ **1024003** B-ALL, MRD, Flow Cytometry Panel

☐ **1024003** Mature B cells neoplasms, MRD, Flow Cytometry Panel

☐ **1024003** Multiple Myeloma, MRD, Flow Cytometry Panel

Immunological Assessments

☐ **9913019** T and B Lymphocytes, NK cells Profile, Flow Cytometry - Blood (Adult)

☐ **505371** T and B Lymphocytes, NK cells Profile, Flow Cytometry - Blood (Pediatric)

☐ **9913013** CD4/CD8 Counts, Flow Cytometry - Blood (Adult)

☐ **2159890** CD4/CD8 Counts, Flow Cytometry - Blood (Pediatric)

☐ **50015** HLA-B27 by Flow Cytometry – Blood

Paroxysmal Nocturnal Hemoglobinuria

☐ **9904005** Paroxysmal Nocturnal Hemoglobinuria Testing by FLAER - Blood

CYTOGENETICS

Karyotyping

☐ **17243196** Hematological Malignancies, Karyotyping, Blood & Bone Marrow

FLUORESCENCE IN SITU HYBRIDIZATION (FISH)

Myeloid Malignancies - Comprehensive Panels

☐ **17243176** CML Profile, FISH, Blood & Bone Marrow

☐ **17243179** Acute Myelocytic Leukemia (AML) Profile, FISH, Blood & Bone Marrow

☐ **17243186** Myelodysplastic Syndrome MDS Profile, FISH, Blood & Bone Marrow

Specific Chromosomal Abnormalities

☐ **17243177** BCR/ABL1, t(9;22) (Philadelphia Chromosome) Rearrangement, FISH, Blood & Bone Marrow

☐ **17243178** Trisomy 8, Centromere 8 (CEP8) Amplification, FISH, Blood & Bone Marrow

☐ **17243180** 5q31 Deletion, FISH, Blood & Bone Marrow

☐ **17243181** q31 Deletion, FISH, Blood & Bone Marrow

☐ **17243182** RUNX1T1/RUNX1, t(8;21) Rearrangement, FISH (ETO/AML1), Blood & Bone Marrow

☐ **17243183** PML/RARA, t(15;17) Rearrangement, FISH, Blood & Bone Marrow

☐ **17243184** CBFB, inv(16) Rearrangement, FISH, Blood & Bone Marrow

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☐ **17243185** KMT2A (MLL), 11q23 Rearrangement, FISH, Blood & Bone Marrow

☐ **17243187** TP53, (17p13.1), FISH, Blood & Bone Marrow

Lymphoid Malignancies - Comprehensive Panels

☐ **902501** CLL Profile, FISH, Blood & Bone Marrow

☐ **902502** B-Lymphoblastic Leukemia (B-ALL) Profile, FISH, Blood & Bone Marrow

Specific Chromosomal Abnormalities

☐ **17243187** TP53 (17p13.1), FISH, Blood & Bone Marrow

☐ **17243189** 13q, 13q14.3 Deletion, FISH, Blood & Bone Marrow

■ **1725333** Trisomy 12, FISH, Blood & Bone Marrow

☐ **17243177** BCR/ABL1, t(9;22) (Philadelphia Chromosome) Rearrangement, FISH, Blood & Bone Marrow

☐ **17243185** KMT2A (MLL), 11q23 Rearrangement, FISH, Blood & Bone Marrow

Plasma Cell Neoplasm - Comprehensive Panel

☐ **17243188** Multiple Myeloma Profile, FISH, Bone Marrow

Specific Chromosomal Abnormalities

☐ **17243189** 13q, 13q14.3 Deletion, FISH, Bone Marrow

☐ **17243190** IGH, 14q32.33 Rearrangement, FISH, Bone Marrow

■ **17243191** IGH/FGFR3, t(4;14) Rearrangement, FISH, Bone Marrow

☐ **17243192** IGH/CCND1 (MYEOV), t(11;14) Rearrangement, FISH, Bone Marrow

☐ **17243193** CKS1B/CDKN2C, 1q21-q22/1p32.3 Copy Number, FISH, Bone Marrow

☐ **17243194** IGH/MAFB, t(14;20) Rearrangement, FISH, Bone Marrow

☐ **17243195** IGH/MAF, t(14;16) Rearrangement, FISH, Bone Marrow

MOLECULAR DIAGNOSTICS & GENOMICS

BENIGN HEMATOLOGY TESTS

Thalassemia Testing

☐ **8140611** Beta Thalassemia (HBB Sequencing) - First Tier Testing

■ **8140644** Alpha Thalassemia (HBA1 and HBA2 Deletion/Duplication) - First Tier Testing

☐ **8140622** Beta Thalassemia (HBB Deletion/Duplication) - 2nd Tier Reflex Testing

☐ **8140633** Alpha Thalassemia (HBA1 and HBA2 Sequencing) - 2nd Tier Reflex Testing

☐ **8140985** Beta-Thalassemia (Sequencing and Deletion/Duplication Analysis)

☐ **8140986** Alpha Thalassemia (HBA1 and HBA2 Sequencing and Deletion/Duplication)

☐ **8140677** Alpha and Beta Thalassemia Known Familial Variant Analysis

Hemoglobinopathy Testing

☐ **8140666** Sickle Cell Disease Testing

RBC Membrane Disorder Testing

☐ **1724380** Spherocytosis, Hereditary, NGS

HEMATO-ONCOLOGY TESTS

Acute Myeloid Leukemia

☐ **1425024** Leukemia Fusion Screen, Varies

☐ **17243207** Acute myeloid leukemia, 11 Genes, NGS, Varies

☐ **1425026** IDH1 and IDH2, Tumour, Varies

☐ **1723301** FLT3 Mutation Analysis, Blood

☐ **172538** NPM1 Mutation Analysis, MRD, Blood

Acute Promyelocytic Leukemia

☐ **17233029** Acute Promyelocytic Leukemia (PML/RARA quantitative), Blood

☐ **17233031** Acute Promyelocytic Leukemia (PML/RARA quantitative), Bone marrow

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Acute B Lymphoblastic Leukemia – Diagnosis

☐ **17233017** B Lymphoblastic Leukemia/Lymphoma Diagnosis (BCR/ABL1 p190 quantitative), Blood

☐ **17233019** B Lymphoblastic Leukemia/Lymphoma Diagnosis (BCR/ABL1 p190 quantitative), Bone marrow

Acute B Lymphoblastic Leukemia – MRD

☐ **17233015** BCR/ABL1 p190, ALL MRD

☐ **172330105** BCR/ABL1 p210, ALL MRD

Lymphoid Neoplasms

☐ **1425024** Leukemia Fusion Screen, Varies

☐ **1425022** Lymphoid Neoplasm, NGS, Varies

Myeloid Neoplasms, Comprehensive Panel

☐ **17233045** Myeloid Neoplasms, NGS, Varies

Chronic Myeloid Diseases, Specific Tests

☐ **17233073** JAK2 V617F, Quantitative, Blood

☐ **17233075** JAK2 V617F, Quantitative, Bone marrow

☐ **17233077** JAK2 V617F, Qualitative, Blood

☐ **17233079** JAK2 V617F, Qualitative, Bone marrow

☐ **17233083** JAK2, Exon 12-15, Bone marrow

☐ **17233085** CALR, Exon 9, Blood

☐ **17233087** CALR, Exon 9, Bone marrow

☐ **17233089** MPL, Exon 10, Blood

☐ **17233091** MPL, Exon 10, Bone marrow

☐ **17233093** BCR/ABL1, p190, p210, p230, Qualitative, Blood

☐ **17233095** BCR/ABL1, p190, p210, p230, Qualitative, Bone marrow

☐ **17233097** BCR/ABL1, p210, Quantitative, Blood

☐ **17233099** BCR/ABL1, p210, Quantitative, Bone marrow

☐ **172330101** Myeloproliferative Neoplasm Panel (BCR/ABL1, CALR, JAK2 exon 12, JAK2 V617F, MPL), Blood

☐ **172330103** Myeloproliferative Neoplasm Panel (BCR/ABL1, CALR, JAK2 exon 12, JAK2 V617F, MPL), Bone marrow

☐ **172536** Myeloproliferative Neoplasm, NGS, Varies

☐ **172537** Myelodysplastic Syndrome, NGS, Varies

TP53 Gene

☐ **17243208** TP53 full gene analysis, NGS, Varies

HOLD SERVICE

☐ **172330107** Extract DNA & RNA and hold, Bone marrow

OTHER TESTS (Not Listed Above)

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