

Patient Information (required)

Patient ID (Medical Record No.)	
Patient Name (Last, First Middle)	
Emirates ID or Passport Number	
Sex <input type="checkbox"/> Male <input type="checkbox"/> 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 <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Autologous <input type="checkbox"/> Allogeneic <input type="checkbox"/> Sex mismatch
Disease Stage <input type="checkbox"/> New diagnosis <input type="checkbox"/> Relapse <input type="checkbox"/> Staging <input type="checkbox"/> MRD <input type="checkbox"/> Follow-up
Chemotherapy / Immunotherapy <input type="checkbox"/> CD19 <input type="checkbox"/> CD20 <input type="checkbox"/> CD22 <input type="checkbox"/> CD30 <input type="checkbox"/> CD33 <input type="checkbox"/> CD38 <input type="checkbox"/> CD50 Date of Last Therapy (dd-mm-yyyy)

Complete Blood Count		
HGB	MCV	WBC
RBC	RDW	PLT

NRL Internal Use Only

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Affix Addressograph	
Specimen Collected By	
Date Collected (dd-mm-yyyy)	Time Collected
Date Received (dd-mm-yyyy)	Time Received

Specimens Provided (required)

<input type="checkbox"/> Blood	<input type="checkbox"/> Bone Marrow (BM) Aspirate
<input type="checkbox"/> BM Aspirate Smears	No. Sent:
<input type="checkbox"/> BM Biopsy	<input type="checkbox"/> Wet Tissue
	<input type="checkbox"/> Paraffin Block(s) Block ID:
<input type="checkbox"/> BM Biopsy Imprints	No. Sent:
<input type="checkbox"/> Lymph Node	Location:
	<input type="checkbox"/> Wet Tissue <input type="checkbox"/> Formalin Fixed
	<input type="checkbox"/> Paraffin Block(s) Block ID:
	<input type="checkbox"/> Slides. No Sent:
<input type="checkbox"/> Spleen	<input type="checkbox"/> Wet Tissue <input type="checkbox"/> Formalin Fixed
	<input type="checkbox"/> Paraffin Block(s) Block ID:
	<input type="checkbox"/> Slides. No Sent:
<input type="checkbox"/> Amniotic Fluid	<input type="checkbox"/> Slides
<input type="checkbox"/> Ascitic/Peritoneal Fluid	No. Sent:
<input type="checkbox"/> Bronchoalveolar Lavage	Slide ID:
<input type="checkbox"/> CSF Drain/EVD	Site for Bronchoalveolar Lavage, Synovial Fluid, Other Body Fluid:
<input type="checkbox"/> CSF Lumbar Puncture	
<input type="checkbox"/> Pericardial Fluid	
<input type="checkbox"/> Synovial Fluid	
<input type="checkbox"/> Other Body Fluid	
<input type="checkbox"/> Fixed cells	Source/ Site:
<input type="checkbox"/> Cultured cells	
<input type="checkbox"/> 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.

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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- 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

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

TP53 Gene

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

HOLD SERVICE

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

OTHER TESTS (Not Listed Above)