VANTAGEPOINT LABORATORY PARTNERS

888.VANTAGE

Test Description	Preferred Container	Notes
HORIZON		
Horizon Comprehensive Evaluation ***Includes all medically necessary tests required for diagnosis and may include blood and/or bone marrow morphology, 10-color flow cytometry, cytogenetics, FISH, and/or molecular testing.	Method, sample and container vary per case.	Method, sample and container vary per case.
FLOW CYTOMETRY		
Flow Cytometry, blood, reflex to ZAP70 if CLL indicated	HEPARIN Green or EDTA Lavender	Minimum volume 3.0 ml
Flow Cytometry, bone marrow, reflex to ZAP70 if CLL indicated	HEPARIN Green	Minimum volume 3.0 ml
Flow Cytometry, tissue, reflex to ZAP70 if CLL indicated	Tissue in RPMI Conical Tube	As much as possible
Flow Cytometry, PNH	EDTA Lavender	Minimum volume 3.0 ml
Plasma Cell Panel	HEPARIN Green or EDTA Lavender	Minimum volume 3.0 ml
MORPHOLOGIC ANALYSIS		
Peripheral Blood Morphology	HEPARIN Green or EDTA Lavender	Minimum volume 3.0 ml
Bone Marrow Morphology	Core / clot in 2 separate formalin containers. 3 fresh bedside smears. marrow evaluation. *Include peripheral blood for bone	
CYTOGENETICS		
Cancer Cytogenetics, Bone Marrow, Blood	HEPARIN Green	Lymph in media transport vial
Cytogenetics with reflex to FISH	HEPARIN Green	Lymph in media transport vial
FLUORESCENT IN-SITU HYBRIDIZATION (FISH)		
FISH Panels		
Acute Lymphocytic Leukemia Panel - ALL*	HEPARIN Green	Minimum volume 1.0 ml
Acute Myelocytic Leukemia Panel - AML*	HEPARIN Green	Minimum volume 1.0 ml
EML4/ALK Rearrangement*	FFPE Block	3 unstained slides acceptable
BCR/ABL Translocation	HEPARIN Green	Minimum volume 1.0 ml
Chronic Lymphocytic Leukemia Panel - CLL	HEPARIN Green	Minimum volume 1.0 ml
HER-2 (PathVysion)	FFPE Block	4 unstained slides acceptable
IgH/BCL-1 (CCND1)	HEPARIN Green	Minimum volume 1.0 ml
Multiple Myeloma Panel - MM*	HEPARIN Green	Minimum volume 1.0 ml
Myelodysplastic Syndrome Panel - MDS	HEPARIN Green	Minimum volume 1.0 ml
Non-Hodgkin's Lymphoma Panel - NHL*	HEPARIN Green	Minimum volume 1.0 ml
PML/RARA	HEPARIN Green	Minimum volume 1.0 ml
UroVysion Panel	Sterile container with fixative	Minimum volume 30 ml
HISTOLOGY		
Cytopathology, urine	Sterile urine container	1st morning void not acceptable
Hematoxylin-Eosin progressive stain	FFPE Block	1 unstained slide acceptable
Alcian Blue 2.0 pH Method	FFPE Block	1 unstained slide acceptable
AFB & AFB Fite Method	FFPE Block	1 unstained slide acceptable
Chandler's Reticulum Method	FFPE Block	1 unstained slide acceptable
Dipp Kwwik Differential Method	FFPE Block	1 unstained slide acceptable
Fontana Masson Method	FFPE Block	1 unstained slide acceptable
Giemsa Method	FFPE Block	1 unstained slide acceptable
GMS Method	FFPE Block	1 unstained slide acceptable
GRAM Method	FFPE Block	1 unstained slide acceptable
Iron Method	FFPE Block	1 unstained slide acceptable
Masson's Trichrome Method	FFPE Block	1 unstained slide acceptable
PAS Method	FFPE Block	1 unstained slide acceptable
PAS Fungus Method	FFPE Block	1 unstained slide acceptable
PAS with Diastase Method	FFPE Block	1 unstained slide acceptable
Pathology consultation	Path Review	Path Review
IMMUNOHISTOCHEMISTRY (IHC)		
Immunohistochemistry, Breast (ER, PR, HER2, Ki67, P53)	FFPE Block	13 unstained slides acceptable
Immunohistochemistry; ER/PR	FFPE Block	4 unstained slides acceptable
Immunohistochemistry; Stain	FFPE Block	2-4 slides per antibody minimum
Immunohistochemistry; Prognostic Stain	FFPE Block	4 unstained slides acceptable
MOLECULAR (PCR)		
Hematologic Markers		
BCR/ABL, quantitative, International Standard	EDTA Lavender	Minimum volume 1.0 ml
C-Kit Mutation (D816V)*	EDTA Lavender	Minimum volume 1.0 ml
Clonality, B-Cell*	EDTA Lavender	3mL whole blood and .5 ml bone marrow
Clonality, T-Cell*	EDTA Lavender	3mL whole blood and .5 ml bone marrow
FLT3*	EDTA Lavender	Minimum volume 1.0 ml
IgVH*	EDTA Lavender	Minimum volume 1.0 ml
JAK2 Mutation (V617F)	EDTA Lavender	Minimum volume 1.0 ml

	JAK2 Mutation Exon 12*	EDTA Lavender	Minimum volume 3.0 ml
	MPL Mutation (W515L/W515K)*	EDTA Lavender	Minimum volume 3.0 ml
	NPM1*	EDTA Lavender	Minimum volume 3.0 ml
	Solid Tumor Markers		
	BRAF Mutation (V600E, V600K, V600D)	FFPE Block or 6 unstained slides acceptable, 1 H & E slide (preferred)	
	EGFR Mutation (Exons 18, 19, 20, 21)	FFPE Block or 6 unstained slides acceptable, 1 H & E slide (preferred)	
	EML4/ALK Mutation*	FFPE Block or 6 unstained slides acceptable, 1 H & E slide (preferred)	
	KRAS Mutation (Exons 12, 13, 61)	FFPE Block or 6 unstained slides acceptable, 1 H & E slide (preferred)	
	Microsatellite Instability (MSI)*	EDTA Lavender	Minimum volume 2.0 ml
	UGT1A1 Irinotecan Toxicity*	EDTA Lavender	Minimum volume 3.0 ml