

REQUIRED ITEMS

Will vary depending on the requisition. Please double-check the required items box located at the top of every requisition form to avoid service delays.

PREFERRED SPECIMEN REQUIREMENTS

Specimen Type	Bone Marrow Morphology	Flow Cytometry	Routine Chromosome Analysis ¹	FISH ¹	PCR ¹	NGS	IHC/Immunostains
Peripheral Blood ²	Two (2) smears/slides	2 mL sodium heparin ⁴ or EDTA ³	5 mL sodium heparin ⁴ preferred, EDTA ³ acceptable	5 mL sodium heparin ⁴ preferred, EDTA ³ acceptable	4 mL EDTA ³	5 mL EDTA ³ Liquid Biopsy: 10 mL minimum EDTA ³ or 30-50 ng/μl DNA/RNA in microfuge tube	N/A
Bone Marrow Aspirate	Five (5) smears/slides	2 mL EDTA ³ preferred, sodium heparin ⁴ acceptable	1-2 mL sodium heparin ⁴ preferred, EDTA ³ acceptable	1-2 mL sodium heparin ⁴ preferred, EDTA ³ acceptable	2 mL EDTA ³	2 mL EDTA ³	N/A
Bone Marrow Clot	2 mL clot (volume) in 10% NBF*. Two (2) touch prints.	N/A					N/A
Bone Marrow Core Biopsy & Touch Imprints	1 cm core (length) in 10% NBF*. Five (5) touch prints.	1-2 cm core (length) in RPMI	1-2 cm core (length) in RPMI	0.5 cm core (length) in RPMI	1-2 cm core (length) in RPMI	1-2 cm core (length) in RPMI	N/A
Lymph Node/Tissue (Fresh)	N/A	0.5 cm ³ in RPMI. Other fixatives not acceptable.			0.5 cm ³ in RNA fixative or 10% NBF*	0.5 cm ³ tissue in normal saline	FFPE tissue block preferred. 0.5 cm ³ in 10% NBF*.
Formalin Fixed Paraffin Embedded (FFPE) Block or Cut Slides	N/A	N/A	N/A	FFPE tissue block preferred. One (1) H&E stained slide and five (5) unstained slides.	FFPE tissue block preferred ⁵ . One (1) H&E stained slide and five (5) unstained slides.	One (1) H&E stained slide and six (6) to eight (8) unstained slides.	Four (4) to five (5) micron thick tissue sections on positively charged slides. Provide at least three (3) slides per requested antibody.
Fine Needle Aspirate (FNA)	N/A	RPMI				RPMI/Cell block	Cell block
Body Fluids	N/A	CSF: 5 mL in sterile container Pleural: 20 mL in ratio of 1 mL sodium heparin or ACD to 100 mL fluid				5 mL fluid/Cell block	Cell block

*NBF = Neutral Buffered Formalin

¹ Decalcified samples not acceptable | ² Please provide copy of CBC if available | ³ EDTA = Lavender Top | ⁴ Sodium Heparin = Green Top | ⁵ Only for some tests; contact us for details or go to www.corepath.us

SPECIMEN HANDLING AND TRANSPORTATION

Storage & Transport: Specimens should be received at CorePath within 72 hours from collection to ensure sample integrity and acceptable cell viability. Ship same day as drawn whenever possible. Peripheral blood and bone marrow should be shipped at room temperature. In hot weather, use cold pack for transport, making sure cold pack is not in direct contact with specimen. Body fluids and tissue should be shipped at 4°C.

Schedule a Pick-Up: Call CorePath Laboratories at 1.877.617.4445 to schedule a pick-up. In the San Antonio area, call 210.617.4445 to schedule a courier pick-up.

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