



Children's Hospital Colorado
Department of Pathology & Laboratory Medicine
Precision Diagnostics Lab Requisition
Phone (720) 777-6711
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Specimen Shipping Address:
 Children's Hospital Colorado
 Clinical Laboratory - Room B0200
 13123 E. 16th Ave
 Aurora, CO 80045

Precision Diagnostics Lab Test Information - Ordering laboratory is responsible for accuracy of test selection			
Bone Marrow Transplant Engraftment by STR		Leukemia by RT-PCR	
Chimerism Study - Pre and Donor Samples	Chimerism Study - Post Samples	<input type="checkbox"/> t(9;22) <i>BCR/ABL1</i> (Major p210 and minor p190)	LAB7435
<input type="checkbox"/> Recipient / Confirmation LAB6492	<input type="checkbox"/> Post - BMT LAB6494	<input type="checkbox"/> Major t(9;22) <i>BCR/ABL1</i> (p210 Quant IS)** ²	LAB7433
<input type="checkbox"/> Donor LAB6494	<input type="checkbox"/> Sorted Post - BMT LAB6500	<input type="checkbox"/> Minor t(9;22) <i>BCR/ABL1</i> (p190 Qualitative)** ²	LAB7434
<input type="checkbox"/> Donor - Additional LAB6496		<input type="checkbox"/> t(15;17) <i>PML/RARA</i> ***	LAB6456
PCR and Direct Sequencing		Somatic Extract and Hold	
<input type="checkbox"/> <i>FLT3</i> Mutation Detection Analysis (ITD and D835)	LAB6462	<input type="checkbox"/> Extract and Hold (DNA and RNA) ²	LAB8641
<input type="checkbox"/> <i>JAK2</i> V617F Mutation Analysis	LAB6468		
NextGeneration Sequencing (NGS) - Please include copy of most recent pathology report as applicable			
<i>IGH</i> and <i>TCRG</i> Gene Rearrangement Analysis		Oncology Single Gene Analysis NextGeneration Sequencing (NGS)	
<input type="checkbox"/> Diagnostic <i>TCRG</i> and <i>IGH</i> Gene Rearrangement	LAB7381	<input type="checkbox"/> <i>ALK</i> LAB9124 <input type="checkbox"/> <i>FLT3</i> LAB8582 <input type="checkbox"/> <i>NPM1</i> LAB8578 <input type="checkbox"/> <i>TET2</i> LAB9923	
<input type="checkbox"/> Diagnostic T Cell Receptor Gamma (<i>TCRG</i>) Gene Rearrangement	LAB7382	<input type="checkbox"/> <i>ASXL1</i> LAB7517 <input type="checkbox"/> <i>GATA2</i> LAB9657 <input type="checkbox"/> <i>NRAS</i> LAB9660 <input type="checkbox"/> <i>TP53</i> LAB8581	
<input type="checkbox"/> Diagnostic Ig Heavy Chain (<i>IGH</i>) Gene Rearrangement	LAB7383	<input type="checkbox"/> <i>BCOR</i> LAB9656 <input type="checkbox"/> <i>IDH1</i> LAB9369 <input type="checkbox"/> <i>PIK3CA</i> LAB9547 <input type="checkbox"/> <i>U2AF1</i> LAB9658	
<input type="checkbox"/> MRD T Cell Receptor Gamma (<i>TCRG</i>) Gene Rearrangement*	LAB7451	<input type="checkbox"/> <i>BRAF</i> LAB9123 <input type="checkbox"/> <i>IDH2</i> LAB9370 <input type="checkbox"/> <i>RUNX1</i> LAB8579 <input type="checkbox"/> <i>WT1</i> LAB8580	
<input type="checkbox"/> Run diagnostic specimen if available and not previously performed by NGS ²		<input type="checkbox"/> <i>CALR</i> LAB8572 <input type="checkbox"/> <i>JAK2</i> LAB8574 <input type="checkbox"/> <i>SETBP1</i> LAB9654	
<input type="checkbox"/> MRD Immunoglobulin Heavy Chain (<i>IGH</i>) Gene Rearrangement*	LAB7485	<input type="checkbox"/> <i>CEBPa</i> LAB8573 <input type="checkbox"/> <i>KIT</i> LAB8575 <input type="checkbox"/> <i>SF3B1</i> LAB9371	
<input type="checkbox"/> Run diagnostic specimen if available and not previously performed by NGS ²		<input type="checkbox"/> <i>CXCR4</i> LAB9652 <input type="checkbox"/> <i>KRAS</i> LAB9661 <input type="checkbox"/> <i>SRSF2</i> LAB9655	
* MRD T&B NGS: Must have detected history via NGS methodology. If history not available, MRD will be modified to Diagnostic automatically and client notified.		<input type="checkbox"/> <i>DNMT3A</i> LAB9653 <input type="checkbox"/> <i>MPL</i> LAB8576 <input type="checkbox"/> <i>STAT2</i> LAB9924	
		<input type="checkbox"/> <i>EZH2</i> LAB9283 <input type="checkbox"/> <i>MYD88</i> LAB8577 <input type="checkbox"/> <i>STAT3</i> LAB9659	
Hematological Neoplasms NGS Panels		Solid Tumor NGS Panels	
Normal specimen for paired Tumor Analysis Included? <input type="checkbox"/> Yes <input type="checkbox"/> No		Normal specimen for paired Tumor Analysis Included? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Completion of section below REQUIRED if YES		Completion of section below REQUIRED if YES	
<input type="checkbox"/> Comprehensive Hematopoietic Neoplasms (DNA and RNA analysis)	LAB9074	<input type="checkbox"/> Comprehensive Solid Tumor (DNA and RNA analysis)	LAB9075
<input type="checkbox"/> Hematopoietic Neoplasms DNA Analysis	LAB7988	<input type="checkbox"/> Solid Tumor DNA Analysis	LAB7986
<input type="checkbox"/> Comprehensive Lymphoid Oncology (DNA and RNA analysis)	LAB9305	Neuro-Oncology NGS Panels	
<input type="checkbox"/> Lymphoid Oncology DNA Analysis	LAB9306	Normal specimen for paired Tumor Analysis Included? <input type="checkbox"/> Yes <input type="checkbox"/> No	
<input type="checkbox"/> Comprehensive Myeloid Analysis (DNA and RNA analysis)	LAB10063	Completion of section below REQUIRED if YES	
<input type="checkbox"/> Myeloid DNA Analysis	LAB7518	<input type="checkbox"/> Comprehensive Neuro-Oncology (DNA and RNA analysis)	LAB9076
<input type="checkbox"/> Myeloproliferative Neoplasms (MPN) DNA Analysis	LAB7525	<input type="checkbox"/> Neuro-Oncology DNA Analysis	LAB7983
<i>Paired Tumor Normal Analysis Unavailable</i>		<input type="checkbox"/> Histone Gene Analysis Panel	LAB9125
<input type="checkbox"/> Myeloma DNA Analysis (Paired Tumor Analysis Unavailable)	LAB7569	<i>Paired Tumor Normal Analysis Unavailable</i>	
<i>Paired Tumor Normal Analysis Unavailable</i>		Somatic Overgrowth and Vascular Anomalies	
PAN Cancer NGS Panels		Normal specimen for paired Tumor Analysis Included? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Normal specimen for paired Tumor Analysis Included? <input type="checkbox"/> Yes <input type="checkbox"/> No		Completion of section below REQUIRED if YES	
Completion of section below REQUIRED if YES		<input type="checkbox"/> Comprehensive Somatic Overgrowth Vascular Anomalies DNA Analysis	LAB9077
<input type="checkbox"/> Comprehensive Pan-cancer analysis (DNA and RNA analysis)	LAB9078	<input type="checkbox"/> Focused Somatic Overgrowth Vascular Anomalies DNA Analysis	LAB9572
<input type="checkbox"/> Pan-cancer DNA Analysis	LAB8586	RNA Fusion NGS Panel	
		<input type="checkbox"/> RNA Fusion Analysis (Not needed if also ordering comprehensive panel)	LAB7982
Paired Normal Specimen Information			
MUST BE SUBMITTED AT SAME TIME AS ONCOLOGY REQUEST ABOVE ³			
Date Collected (MM/DD/YY) _____	<input type="checkbox"/> Blood	<input type="checkbox"/> Other: _____	LAB9079
Time Collected (HHMM) _____ AM / PM	<input type="checkbox"/> Nail Clippings (recommended for hematopoietic conditions)		
Include Germline Variant resolution Information if applicable? <input type="checkbox"/> Yes**** <input type="checkbox"/> No			
****If yes, the following must be confirmed by the person completing this requisition: The ordering clinician has obtained and documented in the medical record the patient/guardian's consent to perform this genetic test and has explained the risks, benefits and limitations of this test and the implications of the results. <input type="checkbox"/> Confirmed			
¹ I attest that the extracted nucleic acid has been isolated in a CLIA-certified laboratory or a laboratory deemed equivalent by CAP/CMS.		Per Laboratory Policy:	
² Clinical charges will apply.		** <i>BCR/ABL1</i> Major & Minor analysis will be performed on all diagnostic specimens.	
³ Paired Oncology Analysis ONLY available if normal & tumor specimen provided at same time		***t(15;17) Screening will be performed on all diagnostic specimens. Quantitative results available upon request for positive samples.	

By submitting this requisition you agree to the standard terms and agreements of Children's Hospital Colorado, to obtain a copy of these please reach out to LabClientServices@childrenscolorado.org

Please visit our website (www.childrenscolorado.org/labrequisitions) regularly to obtain our most current requisition.

Please note: If your patient has an active CHCO MyChart account, they will receive results automatically via MyChart when ordered from outside of our system of care.