CANCER TEST REQUISITION FORM



Cytogenetic LaboratoriesIndiana University School of Medicine 975 W. Walnut, IB 350, Indianapolis, IN 46202 317/274-2243 (Office) 317/278-1616 (Fax)

Patient Laboratory Label

CAP#: 16789-30 CLJA#: 15D0647198

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2) PATIENT INF	FORMATION:				
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4) SPECIMEN II	NFORMATION 91	nd REQUESTED T	TESTING.		
\square Bone Marrow (RO		Id REQUESTED I	REQUESTED TESTING	7	
☐ Bone Core (ROO)	A TEMP)		☐ Standard Chromosome		<u>LY</u>
	or Leukemic Studies (RO		☐ Chromosome Analysis		elect Probe/Panel below)
☐ Tumor / Type: ☐ Biliary Stricture	S	ıte:	☐ Fluorescence In Situ (F.☐ Fluorescence In Situ ST		II /RARA probe <i>ONI V</i>)
☐ Urine (Bladder Ca	ncer)		I indicacence in Situ 5 i	.711 anarysis (t(13,17)11)	IL/KAKA probe <u>orter</u>)
FISH Panels - Cance	r/Oncology:				
	Pediatric (≤18) : CRLF2, t(1	:19). ABL2. FISH M			
4/10/17cen, PDGFRB, 9			PN Panel : -5/del(5q), del(7q)		l Myeloma Panel with
		x, t(12;21) 8cen, t(9;2	22), 9q34, del(20q)	Reflex : 1q21, 5p/5q	, 7q, t(11;14),
	Adult (>18) with Ph-like	$A, t(12;21)$ 8cen, $t(9;2)$ Reflex: \Box FISH A	22), 9q34, del(20q) ML Panel : inv(3), -5/del(5q),	Reflex : 1q21, 5p/5q 13q14.2(RB1)/13q14	, 7q, t(11;14),
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CRLF2, t(1;19), 4/10/17 reflex for t(9;22) neg in	Adult (>18) with Ph-like 17cen, 9p21, t(9;22), KMT2A, cludes ABL2, PDGFRB, AB (6q), ATM, 12cen, 13q, TP53	x, t(12;21) Reflex: □ FISH A! t(12;21); t(6;9), del t(15;17), t t(15;17) \$	22), 9q34, del(20q) ML Panel: inv(3), -5/del(5q), (7q), 8cen, t(8;21), KMT2A, (16;16), del(20q) Stat? □ Yes □ No	Reflex : 1q21, 5p/5q 13q14.2(RB1)/13q14 17p13.1 (TP53); refle t(4;14) FGFR3/IGH	, 7q, t(11;14), l.3 (D13S319), IGH, ex if IGH rearranged to
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CRLF2, t(1;19), 4/10/17 reflex for t(9;22) neg in	Adult (>18) with Ph-like 17cen, 9p21, t(9;22), KMT2A, cludes ABL2, PDGFRB, AB (6q), ATM, 12cen, 13q, TP53 (del(5q), del(7q), 8cen, 11q2 (del 5q), del(7q), 8cen, 11q2 (del 5q), del(5q), del(5q), del(5q), del(5q), 8cen, 11q2 (del 5q), 8cen, 11q2 (del 5q)	A, t(12;21) 8cen, t(9;2 Reflex: □ FISH Al t(12;21); t(6;9), del L1 t(15;17), t t(15;17) S t(15;17) S B (KMT2A), □ FISH Ly	22), 9q34, del(20q) ML Panel: inv(3), -5/del(5q), (7q), 8cen, t(8;21), KMT2A, (16;16), del(20q) Stat? □ Yes □ No	Reflex: 1q21, 5p/5q 13q14.2(RB1)/13q14 17p13.1 (TP53); reflet t(4;14) FGFR3/IGH	, 7q, t(11;14), 1.3 (D13S319), IGH, ex if IGH rearranged to and t(14;16 IGH/MAF Panel (Biliary brushing)
CRLF2, t(1;19), 4/10/17 reflex for t(9;22) neg in FISH CLL Panel dele FISH MDS Panel: -5 del(20q) *All in AML Pan	Adult (>18) with Ph-like 17cen, 9p21, t(9;22), KMT2A, cludes ABL2, PDGFRB, AB (6q), ATM, 12cen, 13q, TP53 (/del(5q), del(7q), 8cen, 11q2 (nel	A, t(12;21) Reflex: □ FISH A! t(12;21); t(6;9), del t(15;17); t(15;17); β (KMT2A), □ FISH Ly MYC, t(1-4)	22), 9q34, del(20q) ML Panel: inv(3), -5/del(5q), (7q), 8cen, t(8;21), KMT2A, (16;16), del(20q) Stat?□ Yes□ No ymphoma Panel: BCL6, 4;18), reflex t(8;14) if MYC	Reflex: 1q21, 5p/5q 13q14.2(RB1)/13q14 17p13.1 (TP53); refle t(4;14) FGFR3/IGH : UROVYSION ☐ FISH UroVysion ☐ FISH UroVysion	, 7q, t(11;14), l.3 (D13S319), IGH, ex if IGH rearranged to and t(14;16 IGH/MAF Panel (Biliary brushing) Panel (Urine)
CRLF2, t(1;19), 4/10/17 reflex for t(9;22) neg in FISH CLL Panel del FISH MDS Panel: -5 del(20q) *All in AML Pan FISH PET – Cancer/	Adult (>18) with Ph-like 17cen, 9p21, t(9;22), KMT2A, cludes ABL2, PDGFRB, AB (6q), ATM, 12cen, 13q, TP53/del(5q), del(7q), 8cen, 11q23/nel	A, t(12;21) Reflex: □ FISH A! t(12;21); t(6;9), del t(15;17); t(15;17); β (KMT2A), □ FISH Ly MYC, t(1-4)	22), 9q34, del(20q) ML Panel: inv(3), -5/del(5q), (7q), 8cen, t(8;21), KMT2A, (16;16), del(20q) Stat?□ Yes□ No rmphoma Panel: BCL6, 4;18), reflex t(8;14) if MYC Individual	Reflex: 1q21, 5p/5q 13q14.2(RB1)/13q14 17p13.1 (TP53); reflet(4;14) FGFR3/IGH a UROVYSION ☐ FISH UroVysion	, 7q, t(11;14), l.3 (D13S319), IGH, ex if IGH rearranged to and t(14;16 IGH/MAF Panel (Biliary brushing) Panel (Urine)
CRLF2, t(1;19), 4/10/17 reflex for t(9;22) neg in FISH CLL Panel del FISH MDS Panel: -5 del(20q) *All in AML Pan FISH PET - Cancer/ FISH-HER2 Breast Ca FISH-HER2 Gastroese	Adult (>18) with Ph-like in Teen, 9p21, t(9;22), KMT2A, cludes ABL2, PDGFRB, ABic (6q), ATM, 12cen, 13q, TP53 (del(5q), del(7q), 8cen, 11q2; and del(5q), seen, 11q2; and del(5q), del(5q), seen, 11q2; and del(5q), del(5q), del(5q), seen, 11q2; del(5q), del(5q), del(5q), del(5q), del(5q), seen, 11q2; del(5q), del(5q	A, t(12;21) Reflex: FISH A t(12;21); t(6;9), del t(15;17), t t(15;17), t t(15;17) S KMMT2A), FISH Ly MYC, t(1/abnormal) FISH-PET Lymphoma MYC, t(14;18), reflex t(8	22), 9q34, del(20q) ML Panel: inv(3), -5/del(5q), (7q), 8cen, t(8;21), KMT2A, (16;16), del(20q) Stat?□ Yes□ No mphoma Panel: BCL6, 4;18), reflex t(8;14) if MYC Individual Panel: BCL6, ;14) if MYC □ FISH-3	Reflex: 1q21, 5p/5q 13q14.2(RB1)/13q14 17p13.1 (TP53); reflett(4;14) FGFR3/IGH a UROVYSION FISH UroVysion FISH UroVysion al PET probes (each probes (27 (BCL6) (8;14) (MYC/IGH))	, 7q, t(11;14), l.3 (D13S319), IGH, ex if IGH rearranged to and t(14;16 IGH/MAF Panel (Biliary brushing) Panel (Urine)
CRLF2, t(1;19), 4/10/17 reflex for t(9;22) neg in FISH CLL Panel dele FISH MDS Panel: -5 del(20q) *All in AML Pan FISH PET - Cancer/	Adult (>18) with Ph-like in Teen, 9p21, t(9;22), KMT2A, cludes ABL2, PDGFRB, ABic (6q), ATM, 12cen, 13q, TP53 (del(5q), del(7q), 8cen, 11q2; and del(5q), seen, 11q2; and del(5q), del(5q), seen, 11q2; and del(5q), del(5q), del(5q), seen, 11q2; del(5q), del(5q), del(5q), del(5q), del(5q), seen, 11q2; del(5q), del(5q	A, t(12;21) Reflex: FISH A t(12;21); t(6;9), del t(15;17), t t(15;17), t t(15;17) S KMMT2A), FISH Ly MYC, t(1- abnormal	22), 9q34, del(20q) ML Panel: inv(3), -5/del(5q), (7q), 8cen, t(8;21), KMT2A, (16;16), del(20q) Stat?□ Yes□ No mphoma Panel: BCL6, 4;18), reflex t(8;14) if MYC Individual Panel: BCL6, ;14) if MYC □ FISH-3 □ FISH 8	Reflex: 1q21, 5p/5q 13q14.2(RB1)/13q14 17p13.1 (TP53); reflett(4;14) FGFR3/IGH a UROVYSION FISH UroVysion FISH UroVysion al PET probes (each probest) (BCL6) (8;14) (MYC/IGH) Req24 (MYC)	, 7q, t(11;14), l.3 (D13S319), IGH, ex if IGH rearranged to and t(14;16 IGH/MAF Panel (Biliary brushing) Panel (Urine)
CRLF2, t(1;19), 4/10/17 reflex for t(9;22) neg in FISH CLL Panel delt FISH MDS Panel: -5 del(20q) *All in AML Pan FISH PET - Cancer/ FISH-HER2 Breast Ca FISH-HER2 Non-Brea	Adult (>18) with Ph-like in Teen, 9p21, t(9;22), KMT2A, cludes ABL2, PDGFRB, ABic (6q), ATM, 12cen, 13q, TP53 (del(5q), del(7q), 8cen, 11q2; and del(5q), seen, 11q2; and del(5q), del(5q), seen, 11q2; and del(5q), del(5q), del(5q), seen, 11q2; del(5q), del(5q), del(5q), del(5q), del(5q), seen, 11q2; del(5q), del(5q	A, t(12;21) Reflex: FISH A t(12;21); t(15;17), t t(15;17), t t(15;17) S KMMT2A), FISH Ly MYC, t(1- abnormal FISH-PET Lymphoma MYC, t(14;18), reflex t(8) abnormal	22), 9q34, del(20q) ML Panel: inv(3), -5/del(5q), (7q), 8cen, t(8;21), KMT2A, (16;16), del(20q) Stat?□ Yes□ No mphoma Panel: BCL6, 4;18), reflex t(8;14) if MYC Individual Panel: BCL6, ;14) if MYC □ FISH-3 □ FISH 8	Reflex: 1q21, 5p/5q 13q14.2(RB1)/13q14 17p13.1 (TP53); reflett(4;14) FGFR3/IGH a UROVYSION FISH UroVysion FISH UroVysion al PET probes (each probes (27 (BCL6) (8;14) (MYC/IGH))	, 7q, t(11;14), l.3 (D13S319), IGH, ex if IGH rearranged to and t(14;16 IGH/MAF Panel (Biliary brushing) Panel (Urine)
CRLF2, t(1;19), 4/10/17 reflex for t(9;22) neg inc FISH CLL Panel del FISH MDS Panel: -5 del(20q) *All in AML Pan FISH PET — Cancer/ FISH-HER2 Breast Ca FISH-HER2 Non-Brea FISH Individual Prol 1q21/8p	Adult (>18) with Ph-like in Teen, 9p21, t(9;22), KMT2A, cludes ABL2, PDGFRB, AB in General in Gener	A, t(12;21) Reflex: FISH A t(12;21); t(15;17), t t(15;17), t t(15;17) S KMMT2A), FISH Ly MYC, t(1- abnormal FISH-PET Lymphoma MYC, t(14;18), reflex t(8) abnormal	22), 9q34, del(20q) ML Panel: inv(3), -5/del(5q), (7q), 8cen, t(8;21), KMT2A, (16;16), del(20q) Stat?□ Yes□ No mphoma Panel: BCL6, 4;18), reflex t(8;14) if MYC Individual Panel: BCL6, ;14) if MYC □ FISH-3 □ FISH 8	Reflex: 1q21, 5p/5q 13q14.2(RB1)/13q14 17p13.1 (TP53); reflett(4;14) FGFR3/IGH a UROVYSION FISH UroVysion FISH UroVysion al PET probes (each probest) (BCL6) (8;14) (MYC/IGH) Req24 (MYC)	, 7q, t(11;14), l.3 (D13S319), IGH, ex if IGH rearranged to and t(14;16 IGH/MAF Panel (Biliary brushing) Panel (Urine)
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CRLF2, t(1;19), 4/10/17 reflex for t(9;22) neg inc FISH CLL Panel del FISH MDS Panel: -5 del(20q) *All in AML Panel FISH-HER2 Breast Ca FISH-HER2 Gastroesc FISH-HER2 Non-Breast FISH Individual Prol 1q21/8p t(1;19) (PBX1/TCF3)	Adult (>18) with Ph-like in Teen, 9p21, t(9;22), KMT2A, cludes ABL2, PDGFRB, ABlaction (6q), ATM, 12cen, 13q, TP53 in Indianal (1997), del(5q), del(7q), 8cen, 11q2 in Indianal (1997), del(5q), del(7q), 8cen, 11q2 in Indianal (1997), del(5q), del(5q), 8cen, 11q2 in Indianal (1997), del(5q), 8cen, 11q2 in Indianal (1997), 8cen, 11q2 in India	A, t(12;21) 8cen, t(9;2 Reflex: FISH Al t(12;21); t(6;9), del t(15;17), t t(15;17), t t(15;17) S Reflex: FISH Al t(6;9), del t(15;17), t T(15;17	1	Reflex: 1q21, 5p/5q 13q14.2(RB1)/13q14 17p13.1 (TP53); reflet t(4;14) FGFR3/IGH : UROVYSION □ FISH UroVysion □ FISH UroVysion al PET probes (each prob 3q27 (BCL6) (8;14) (MYC/IGH) 3q24 (MYC) (14;18) (IGH/BCL2) □t(12;21) ETV6/RUNX1 □13q14 (FOXO1) □13q14 (RB1, D13S319) □14q32.3 (IGH)	, 7q, t(11;14), H.3 (D13S319), IGH, ex if IGH rearranged to and t(14;16 IGH/MAF Panel (Biliary brushing) Panel (Urine) e reported separately) Ut(16;16) CBFB/MYH11 17p13.1 (TP53) 17q21.1 (RARA) del(20q)/8 Centromere
CRLF2, t(1;19), 4/10/17 reflex for t(9;22) neg in FISH CLL Panel delt FISH MDS Panel: -5 del(20q) *All in AML Pan FISH PET — Cancer/ FISH-HER2 Breast Ca FISH-HER2 Gastroese FISH-HER2 Non-Brea FISH Individual Prol 1q21/8p t(1;19) (PBX1/TCF3) 1q25.2 (ABL2) 2p23.2 (ALK) 2p24.1 (MYCN) 3q27 (BCL6)	Adult (>18) with Ph-like in Teen, 9p21, t(9;22), KMT2A, cludes ABL2, PDGFRB, AB in Market (6q), ATM, 12cen, 13q, TP53 in Market (7q), 8cen, 11q2 in Market (11q) in Market (11	A, t(12;21) 8cen, t(9;2 Reflex: FISH Al t(12;21); t(6;9), del t(15;17), t t(15;17), t t(15;17), t FISH Ly MYC, t(1- abnormal FISH-PET Lymphoma MYC, t(14;18), reflex t(8 abnormal	22), 9q34, del(20q) ML Panel: inv(3), -5/del(5q), (7q), 8cen, t(8;21), KMT2A, (16;16), del(20q) Stat? □ Yes □ No Amphoma Panel: BCL6, 4;18), reflex t(8;14) if MYC Individu: Panel: BCL6, □ FISH-3;14) if MYC □ FISH 5 □ FISH 5 □ FISH-5 □ 9q34 (ASS1) □ t(11;14) CCND1/IGH □ t(11;18) BIRC3/MALT1	Reflex: 1q21, 5p/5q 13q14.2(RB1)/13q14 17p13.1 (TP53); reflect (4;14) FGFR3/IGH: UROVYSION □ FISH UroVysion □ FISH UroVysion al PET probes (each prob 8q27 (BCL6) (8;14) (MYC/IGH) 8q24 (MYC) (14;18) (IGH/BCL2) □t(12;21) ETV6/RUNX1 □13q14 (FOXO1) □13q14 (RB1, D13S319)	, 7q, t(11;14), H.3 (D13S319), IGH, ex if IGH rearranged to and t(14;16 IGH/MAF Panel (Biliary brushing) Panel (Urine) e reported separately) ut(16;16) CBFB/MYH11 urghammar (TP53)
CRLF2, t(1;19), 4/10/17 reflex for t(9;22) neg in FISH CLL Panel delt FISH MDS Panel: -5 del(20q) *All in AML Pan FISH PET — Cancer/ FISH-HER2 Breast Ca FISH-HER2 Gastroese FISH-HER2 Non-Brea FISH Individual Prol 1q21/8p t(1;19) (PBX1/TCF3) 1q25.2 (ABL2) 2p23.2 (ALK) 2p24.1 (MYCN)	Adult (>18) with Ph-like in Teen, 9p21, t(9;22), KMT2A, cludes ABL2, PDGFRB, ABidel (5q), ATM, 12cen, 13q, TP53 in Indiana in Indian	A, t(12;21) 8cen, t(9;2 Reflex:	22), 9q34, del(20q) ML Panel: inv(3), -5/del(5q), (7q), 8cen, t(8;21), KMT2A, (16;16), del(20q) Stat?	Reflex: 1q21, 5p/5q 13q14.2(RB1)/13q14 17p13.1 (TP53); reflet t(4;14) FGFR3/IGH : UROVYSION □ FISH UroVysion □ FISH UroVysion al PET probes (each prob 3q27 (BCL6) (8;14) (MYC/IGH) 3q24 (MYC) (14;18) (IGH/BCL2) □t(12;21) ETV6/RUNX1 □13q14 (FOXO1) □13q14 (RB1, D13S319) □14q32.3 (IGH) □t(14;16) IGH/MAF	, 7q, t(11;14), H.3 (D13S319), IGH, ex if IGH rearranged to and t(14;16 IGH/MAF Panel (Biliary brushing) Panel (Urine) e reported separately) Ut(16;16) CBFB/MYH11 Upper 17p13.1 (TP53) Upper 17q21.1 (RARA) Upper 17q21.1 (RARA) Upper 17q21.1 (RARA) Upper 17q21.1 (EWSR1)

Specimen	Collection	Container(s)	Instructions
Peripheral Blood for cancer analysis	7-10mL whole blood (adults) 2-4mL whole blood (infants)	Dark Green-top sodium heparin tube.	Keep at room temperature.
Bone Marrow Aspirate	0.5 mL minimum 2 mL preferred for normal WBC ↓ WBC requires more ↑ WBC requires less 1-2 mL preferred	Dark Green-top sodium heparin tube.	Keep at room temperature.
Formalin-fixed, Paraffin-Embedded Tissue (PET)	4-micron sections on positively charged, circled/marked slides (2-3 slides are sufficient) Corresponding H&E section with area of tumor marked. NO DECALCIFIED BONE!	Slides - NO BLOCKS	Copy of Pathology report and patient/hospital billing information MUST BE INCLUDED with slides.
Urine (Bladder Cancer) *For UroVysion Studies <u>ONLY</u> *	≥ 30 mL (50 mL preferred)	50 mL centrifuge tubes or other tightly capped plastic container.	Keep at room temperature. Include copy of pathology report.
Biliary Brushing *For UroVysion Studies <u>ONLY</u> *	Specimen from endoscopic retrograde cholangiopancreatography (ERCP) brushing	ThinPrep PreservCyt® Solution from Hologic (containers provided by the Cytogenetics Laboratory)	Keep at room temperature. Ship to laboratory within 24 hours. Refrigerate if there is a delay in shipping. Include copy of pathology report.

6) SPECIMEN HANDLING REQUIREMENTS

- Use sterile technique; close all containers tightly.
- Do not freeze any specimen type.
- Label all containers and requisition forms with patient name, MRN, date of collection, and physician name.
- Specimens should be received within 24 hours of collection.

7) PATIENT BILLING INFORMATION:			
☐ Bill Patient's Insurance: Policy #:		Group #:	
Insurance/Managed Care Plan:			
Street Address:	City:	State:	_ Zip:
Relationship to Insured: ☐ Self ☐ Spouse ☐ Other	er:	_ Insured's Social Security #: _	
\square <u>OR</u> Copy of patient's insurance card attached	d		
☐ Bill Medicare:			
☐ Bill Medicaid:			
☐ Bill Patient/Self-Pay(Please Attach Patient Demo	ographic Sheet)		
☐ Bill Hospital:			