

# Flow Cytometry Immunophenotyping panels & tubes

Panel Name	Tube	FITC	PE	PCP5.5	PC7	APC	AF700	H7	BV421/ V450/PB	BV510	BV605
B Screen (8 CDs)	B1	Lambda	Kappa	3	19	5	45	----	20	10	----
B cell L/L (16 CDs)	B1	Lambda	Kappa	3	19	5	45	----	20	10	----
	B2	23	103	79b	19	22 & 2	45	43	20	200	38
Hairy Cell Diagnostic (19 CDs)	B1	Lambda	Kappa	3	19	5	45	----	20	10	----
	B2	23	103	79b	19	22 & 2	45	43	20	200	38
	B3	11c	103	----	25	22	45	----	123	----	----
Hairy Cell Residual (13 CDs)	B1	Lambda	Kapa	3	19	5	45	----	20	10	----
	B5	11c	103	----	25	22	45	----	123	----	----
CD4/CD8 T Subsets	CD4	3	8	45 (PCP)	----	4	----	----	----	----	----
TBNK Lymph Subsets	TBNK	3 ←	56+16	45 (PCP)	4	19 →	8 (APCCy7)	----	----	----	----
T cell L/L (16 CDs)	T1	8	TRBC1	43	19 & TCR gd	5	45	2	4	56	7
	T2	57	TCR ab	43	10	5	45	DR	4	16	7
Cytoplasmic CD3	T3	TdT(n)	34	3	----	5	45	----	3(cy)	1a	7
T & B (15 CDs)	B1	Lambda	Kappa	3	19 & TCR gd	5	45	2	4	56	7
	T1	8	TRBC1	4	2	8	45	----	----	----	----
PNH (7 CDs)	WPNH	FLAER (AF488)	157	15	----	64	45	----	----	----	----
	RPNH	235a	59	----	----	----	----	----	----	----	----
Fetal Hgb	FH	FH	----	----	----	----	----	----	----	----	----
BAL CD4/CD8	BAL	3	----	4	----	8	45	----	----	----	----
Cytokeratin	CK	CK(cy)	----	56	19	----	45	----	----	----	----

Panel Name	Tube	FITC	PE	PCP5.5	PC7	APC	AF700	H7	BV421/ V450/PB	BV510	BV605
<b>Diagnostic Acute Myeloid Leukemia</b> (31 CDs)  <b>AML MRD</b> <i>Tubes M1, M2, M3, M4</i> (26 CDs)  <b>Qual Myeloblast</b> <i>Tubes M1, M2, M4</i> (20 CDs)	<b>M1</b>	65	117	15	13	34	45	DR	33 BV421	10	38
	<b>M2</b>	64	300e	56	34	11b	45	14	DR V450	117	16
	<b>M3</b>	235a	71	38	34	5	45	2	36 V450	117	7
	<b>M4</b>	19	371	33	117	34	45	DR	123 BV421	45RA	38
	<b>M5</b>	TdT(n)	22(cy)	79a(cy)	34	MPO(cy)	45	38	3(cy) BV421	117	19
<b>Acute Leuk Triage</b> (14 CDs)	<b>ALT</b>	13	117	19	10	34	45	DR* *Drop-in	33 BV421	----	----
	<b>M5</b>	TdT(n)	22(cy)	79a(cy)	34	MPO(cy)	45	38	3(cy) BV421	117	19
<b>Diagnostic Acute B-Lymp Leukemia</b> (15 CDs)  <b>Residual B-ALL</b> <i>Tubes A1, A2</i> (9 CDs)	<b>A1</b>	58	34	38	10	19	45	----	----	----	----
	<b>A2</b>	66c	34	19	10	22	45	20	----	----	----
	<b>M5</b>	TdT(n)	22(cy)	79a(cy)	34	MPO(cy)	45	38	3(cy) BV421	117	19
<b>Plasma Cell Screen</b> (7 CDs)  <b>Plasma Cell Heavy Chains</b> (10 CDs)	<b>P1</b>	38	L(cy)	56	19	K(cy)	45	20	----	----	----
	<b>P3</b>	G(cy)	----	56	19	----	45	20	----	----	38
	<b>P4</b>	A(cy)	M(cy)	56	19	----	45	20	----	----	38
<b>Plasma Cell Monitoring</b> (9 CDs)	<b>P2</b>	VS38(cy)	L(cy)	56	19	K(cy)	45	20	IRF4(n)	----	38
<b>Cytoplasmic Light Chains</b>	<b>B1c</b>	L(cy)	K(cy)	----	19	----	45	----	20	----	----
<b>Precursor Blast Enumeration</b> (7 CDs)	<b>PBE</b>	13	117	33	10	34	45	----	----	----	----
<b>B Cell Enumeration</b>	<b>BCE</b>	19	----	----	2	----	45	20	----	----	----

Notes:  
 Tube color Lysis Method: brown= FACSLyse; black= NH<sub>4</sub>Cl; red= Fix and Perm; green = see procedure for lysis technique; CP test: No path interp.  
 Pre-cocktailed components ↔