

Supplemental Information

LDTs Used on Sites

Within a total of 453 enrolled specimens for accuracy study, 451 results were received from LDTs. There were three (3) subjects where the LDTs were not available from the sites. Below summarized the panels used on sites for generating LDT results.

1. Site 1 - LDT Panels

FITC	PE	ECD or CF594	PC5.5	PC7	APC	AA700	AA750	BV421	BV510
ACUTE LEUKEMIA (Initial diagnostic sample only)									
1. CD34	CD13	CD16+14	CD117	HLA-DR	CD33	CD7	CD11b	CD15	CD45
2. CD41+61	CD71	CD14	CD56	CD33	CD36	CD34	CD235a	CD64	CD45
3. CD58	CD49f	CD34	CD38	CD19	CD81	CD22	CD10	CD123	CD45
4. cCD3	CD4	CD56	CD5	CD2	CD8	CD7	CD38	CD3	CD45
5. nTdT	cIgM	CD3	cMPO	CD33	cCD3	CD19	CD20	cCD79	CD45
6. cMslg	cMslg	CD3	cMslg	CD33	cMslg	CD19	CD20	cMslg	CD45
May add:									
7. CD41+61	CD71	CD14	CD56	CD33	CD36	CD34	CD235a	CD64	CD45
PANCYTOPENIA - BONE MARROW SAMPLES									
Kappa + CD4	Lambda + CD8 +	CD56	CD5	CD19	CD34	CD7	CD10	CD3	CD45
CD34	CD13	CD16+14	CD117	HLA-DR	CD33	CD7	CD11b	CD15	CD45
PANCYTOPENIA - PERIPHERAL BLOOD SAMPLES									
Kappa + CD4 + CD33	Lambda + CD8 + CD117	CD56	CD5	CD16	CD34	CD19	CD10	CD3	CD45
LYMPHOMA - PERIPHERAL BLOOD SCREEN									
CD45	CD8 + λ	CD16+56	CD3	CD5	CD4 + κ	CD7	CD20	CD200	CD19
LYMPHOMA - NON-PERIPHERAL BLOOD SCREEN									
CD4 + κ	CD8 + λ	CD16+56	CD5	CD10	CD103	CD19	CD20	CD3	CD45
LYMPHOMA REFLEX TUBES - Not done routinely, only if needed.									
Kappa	Lambda	CD20	CD11c	CD10	CD103	CD19	CD43	CD25	CD45
nTdT	CD1a	CD16+56	CD5	CD2	CD3	CD7	CD4	CD8	CD45
cKappa	cLambda		Drop-in CD5	Drop-in CD10		CD19			CD45
CD94	CD158a	CD56	CD158b	CD2	CD158e	CD7	CD16	CD3/64/19	CD8
PLASMA CELL DYSCRASIAS									
cLambda	CD117	CD20	CD138	CD27	cKappa	CD45	CD38	CD56	CD19

2. Site 2 - LDT Panels

	1	2	3	4	5	6	7	8	9	10		1	2	3	4	5	6	7	8	9	10																																																				
<input type="checkbox"/> D-TS	8/K	4/λ	5	20	19	10	56	NIR	3	45	<input type="checkbox"/> MM	38	56	45	138	19	-	-	NIR	-	-																																																				
<input type="checkbox"/> MY1	64	13	-	-	16	34	-	NIR	38	45	<input type="checkbox"/> cK	38	cK	45	-	19	-	-	NIR	-	-																																																				
<input type="checkbox"/> MY2	15	33	7	-	117	34	-	HLA-DR	-	45	<input type="checkbox"/> cL	38	cλ	45	-	19	-	-	NIR	-	-																																																				
<input type="checkbox"/> Mono	36	MY4	4	-	14	-	-	NIR	-	45	<input type="checkbox"/> INTRA	cMPO	34	45	c79a	c3	-	-	NIR	-	-																																																				
<input type="checkbox"/> LY4	-	200	19	-	5	-	-	NIR	49d	45	<input type="checkbox"/> TdT Intra	cTdT	s1a	45	s3	c3	-	-	NIR	-	-																																																				
<input type="checkbox"/> ALPS	γΔ	αβ	8	4	-	-	-	NIR	3	45	<input type="checkbox"/> LeukEP	41	235a	45	-	-	34	-	NIR	-	-																																																				
<input type="checkbox"/>											<input type="checkbox"/> BAL	8	4	45	3	19	-	-	NIR	-	-																																																				
<input type="checkbox"/>											<input type="checkbox"/> HC	103	11c	45	25	19	-	-	NIR	-	-																																																				
<input type="checkbox"/>											<input type="checkbox"/> B-ALL	20	10	-	-	19	34	-	NIR	3	45																																																				
MRD	<input type="checkbox"/>	3 tubes	<input type="checkbox"/>	2 tubes	<input type="checkbox"/>	Day 8					<input type="checkbox"/> T6	57	2	7	4	5	56	-	8	3	45																																																				
<table border="0" style="width:100%"> <tr> <td>Abnormal Pop: _____</td> <td>% TLC _____</td> <td>% TNC _____</td> <td>Absolute: (_____ x10⁹/L)</td> </tr> <tr> <td>CD19: _____</td> <td>CD3: _____</td> <td>CD38: _____</td> <td>CD34: _____</td> </tr> <tr> <td>CD19/Kappa: _____</td> <td>CD3/CD4: _____</td> <td>CD56: _____</td> <td>CD117: _____</td> </tr> <tr> <td>CD19/Lambda: _____</td> <td>CD3/CD8: _____</td> <td>CD138: _____</td> <td>CD33: _____</td> </tr> <tr> <td>CD19/CD5: _____</td> <td>CD4/CD8 Ratio: _____</td> <td>CD19: _____</td> <td>CD64: _____</td> </tr> <tr> <td>CD19/CD10: _____</td> <td>CD56: _____</td> <td>cKappa / cLambda</td> <td>CD13: _____</td> </tr> <tr> <td>CD20: _____</td> <td>CD57: _____</td> <td>cMPO: _____</td> <td>CD16: _____</td> </tr> <tr> <td>CD19/CD5/CD49d: _____</td> <td>CD5: _____</td> <td>cCD79a: _____</td> <td>CD38: _____</td> </tr> <tr> <td>CD19/CD5/CD200: _____</td> <td>CD2: _____</td> <td>cCD3: _____</td> <td>CD15: _____</td> </tr> <tr> <td>CD19/CD11c: _____</td> <td>CD7: _____</td> <td>cTdT: _____</td> <td>HLA-DR: _____</td> </tr> <tr> <td>CD19/CD25: _____</td> <td>CD1a: _____</td> <td>CD4: _____</td> <td>CD7: _____</td> </tr> <tr> <td>CD19/CD103: _____</td> <td>TCR-Gamma/Delta / Alpha/Beta</td> <td>CD36: _____</td> <td>CD45: _____</td> </tr> <tr> <td></td> <td>_____ :</td> <td>(MY4) CD14: _____</td> <td>CD235a: _____</td> </tr> </table>																						Abnormal Pop: _____	% TLC _____	% TNC _____	Absolute: (_____ x10 ⁹ /L)	CD19: _____	CD3: _____	CD38: _____	CD34: _____	CD19/Kappa: _____	CD3/CD4: _____	CD56: _____	CD117: _____	CD19/Lambda: _____	CD3/CD8: _____	CD138: _____	CD33: _____	CD19/CD5: _____	CD4/CD8 Ratio: _____	CD19: _____	CD64: _____	CD19/CD10: _____	CD56: _____	cKappa / cLambda	CD13: _____	CD20: _____	CD57: _____	cMPO: _____	CD16: _____	CD19/CD5/CD49d: _____	CD5: _____	cCD79a: _____	CD38: _____	CD19/CD5/CD200: _____	CD2: _____	cCD3: _____	CD15: _____	CD19/CD11c: _____	CD7: _____	cTdT: _____	HLA-DR: _____	CD19/CD25: _____	CD1a: _____	CD4: _____	CD7: _____	CD19/CD103: _____	TCR-Gamma/Delta / Alpha/Beta	CD36: _____	CD45: _____		_____ :	(MY4) CD14: _____	CD235a: _____
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	_____ :	(MY4) CD14: _____	CD235a: _____																																																																						

4. Site 4 - LDT Panels

#	Name	FITC	PE	ECD	PC5.5	PC7	APC	APCA 700	APCA 750	PB or V450	KO
1	T-Cell	38	56	3	5	7	2	19	4	8	45
2	B-Cell	Kappa	Lambda	23	19	11c	10	5	34	20	45
3	Myeloid	16	13	64	117	33	34	19	14	HLA-DR	45
4	Extended	FMC-7	235a	41	138	11b	34	19	71	15	45

AML Add-on Tube

Name	FITC	PE	ECD	PC5.5	PC7	APC	APCA 700	APCA 750	PB	KO
AML	<u>nTdt</u>	<u>cMPO</u>	34	117	c22	c79a	123	c3	11b	45

B-ALL Add-on Tube

Name	FITC	PE	ECD	PC5.5	PC7	APC	APCA 700	APCA 750	PB	KO
B-ALL	<u>nTdt</u>	<u>cMPO</u>	19	c22	10	c79a	34	c3	none	45

CLL/Mantle Cell Companion Add-on Panel

Name	FITC	PE	ECD	PC5.5	PC7	APC	APCA 700	APCA 750	PB	KO
CLL	43	200	3	22	none	36	none	none	FMC-7	45

Erythroid/Megakaryocyte Panel

Name	FITC	PE	ECD	PC5.5	PC7	APC	APCA 700	APCA 750	PB	KO
<u>Eryth-Mega</u>	71	13	c41	117	c61	none	34	235a	none	45

Hairy Cell Add-on Tube

Name	FITC	PE	ECD	PC5.5	PC7	APC	APCA 700	APCA 750	PB	KO
Hairy Cell	Kappa	Lambda	19	22	11c	103	25	20	none	45

Intracytoplasmic B-cell Tube

Name	FITC	PE	ECD	PC5.5	PC7	APC	APCA 700	APCA 750	V450	KO
IC B-cell	<u>cKappa</u>	<u>cLambda</u>	23	19	11c	10	5	34	20	45

MDS Add-on Panel

Name	FITC	PE	ECD	PC5.5	PC7	APC	APCA 700	APCA 750	PB	KO
MDS	71	13	41	117	11b	36	none	235a	none	45

Plasma Cell Add-on Panel

Name	FITC	PE	ECD	PC5.5	PC7	APC	APCA 700	APCA 750	PB	KO
9-Color ICPC	<u>cKappa</u>	<u>cLambda</u>	20	38	56	138	19	117	45	none

T-ALL Add-on Tube/Immature T-cell

Name	FITC	PE	ECD	PC5.5	PC7	APC	APCA 700	APCA 750	PB	KO
T-ALL	<u>nTdt</u>	1a	c3	<u>cMPO</u>	7	none	19	43	11b	45

T-cell Receptor/LGL Add-on Panel

Name	FITC	PE	ECD	PC5.5	PC7	APC	APCA 700	APCA 750	PB	KO
T-cell	TCR a/b	TCR g/d	16	3	56	7	8	4	57	45

T-Cell Therapy Panel

Name	FITC	PE	ECD	PC5.5	PC7	APC	APCA 700	APCA 750	PB	KO
T-cell Therapy	52	26	3	279	7	30	25	4	8	45