



iRICELL[®] Series Customer Training/Competency Checklist

Lab/Account: _____

Tech/Staff: _____ Instructor: _____

	Performance Standard	Tech/Staff Initials	Instructor Initials	Date
I	iRICELL Overview			
	A. iChem VELOCITY and iQ200			
	B. Printer, CPU, Touch-screen Monitor, Keyboard/Mouse			
	C. Rack Types: Patient, Control (2), Calibrator (2), and Dilution			
	D. Tube Types: Patient and Controls			
	E. Sample Volume: VELOCITY (2mL), iQ (3mL), and iRICELL (4mL)			
II	Consumables			
	A. VELOCITY			
	1. Wash Solution and filter (change every bottle)			
	2. Strips			
	a. Stability in SPM (humidity)			
	b. Dessicant replacement			
	c. Quantity loaded into SPM			
	B. iQ200 Lamina and filter (change every 4 bottles)			

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	C. Controls			
	1. VELOCITY: CA/CB/CC, maintaining lot info of QC and Strips - Consumable tab			
	2. iQ200: Focus/Pos/Neg - barcoded			
	3. Quality Review / QC Statistics tabs			
	4. Using statistic files to troubleshoot			
III	iRICELL Results			
	A. BLD(HGB) and RBC			
	Trainee has read and understands #300-5463 (Memory Jogger for Red Blood Cell (RBC)/Blood)			
	1. Free HGB detection			
	2. Normal BLD and Abnormal RBC			
	3. Abnormal BLD and Normal RBC(lysed)			
	B. LE(Leukocyte Esterase) and WBC			
	Trainee has read and understands #300-5464 (Memory Jogger for White Blood Cell (WBC)/ Leukocyte Esterase)			
	1. LE from granulocytes: Non-granulocyte WBCs, LE free granulocytes			
	2. Normal LE and Abnormal WBC			
	3. Abnormal LE and Normal WBC (lysed)			
	C. Proper mixing of sample prior to aliquot			
IV	Image Verification Guidance			
	A. See Memory Jogger			
	B. Edit Free Release			
	C. 50% Rule (and clinical significance in relation to abnormal threshold)			
	D. Re-classify correctly			
	E. NSE, UNCC, and UNCX re-classification			

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	F. UNCL - different rules: Re-classification: All Casts, REEP, and TREP			
	G. BACT grading via background / Auto-BACT grading			
	H. High Concentration / Possible AMOR			
	1. Short cut for excessive screens			
	2. Possible Dilution, see below			
V	BACT grading via the background images			
	A. Review the WBC, WBCC, SQEP, and MUC backgrounds			
	B. Review when prompted by Urine Culture Indicator Checklist / BACT Present Pop-up			
	C. Modify BACT grade appropriately – See Memory Joggers and BACT Grading Chart			
VI	Dilutions			
	A. Grossly-bloody, Viscous-milky, Dense-grossly AMOR, and Short Samples			
	B. “If you can’t see through it, do something to it”			
	C. Dilution Rack(s) and Bar-code labels			
	D. High Concentration / Possible AMOR			
VII	Manual Microscopy Confirmations			
	A. Motility of TRCH			
	B. Cellular Casts			
	C. FAT-OVFB, polarization			
	D. SPRM, if applicable. See Memory Jogger and below.			

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VIII	Support Manuals and Guides			
	A. Operator's Manuals via ?			
	B. Image Encyclopedia			
	C. Memory Joggers			
	D. APR Image Guide (sizing)			
IX	Special Considerations			
	A. SPRM			
	1. SPRM Flags			
	a. Sperm present			
	b. Sperm in previous sample			
	2. Potential medical-legal sample			
	a. Confirm via manual method			
	b. Confirm via original specimen container			
	3. Lab's responsibility to report correctly			
	4. No additional testing on previously run specimen: i.e. SPRM, urine HCG			
X	Troubleshooting, Error Codes, and Call Center Help			
	A. Common error messages			
	B. Error Log			
	C. Restart/reboot/shutdown-start			
	D. System ID number - serial numbers			

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	E. Call Center phone numbers			
	1. Phone numbers for Call Center in US and Canada: 800-854-3633; Outside US contact local Beckman Coulter representative			
	2. Website: www.beckmancoulter.com			
XI	Technologist and Applications Specialist have reviewed the reporting units of the instrument for all categories in Settings			