

LEVEL II				
TEST/OTHER	EQUIPMENT	MODEL #1	MODEL #2	MODEL #3
General Laboratory Equipment - Centrifuge Maintenance	Tachometer (to verify speed)			
HIV Serology	Centrifuge, bench, non-refrigerated, with standard motor-Accepts 13x100mm blood tubes, 240V, 50/60Hz	Beckman Coulter	Heraeus	
HIV Serology	3D bi-directional rotator 240V, 50/60Hz	VWR International Tube Rotator	Drummond	Omega Diagnostics IMMUTREP-ROTATOR OD171 (battery/electric)
HIV Serology	4°C lab refrigerator	Domestic		
HIV Serology	Incubator	NuAire, Inc. Autoflow	Napco	Boekel Scientific
HIV Serology	Automated ELISA plate reader (wavelength range 405- 630 λ)	BioTek EL800	Dynex MRX	Molecular Devices EMax
HIV Serology	Automated ELISA plate washer (8 or 12 strip) with waste container	Thermo Scientific Wellwash	Finstrip	Bio-Tek ELX 50
HIV Serology	EIA incubator	Fisher		
Automated CBC with Automated Differential	Blood tube rocker/rotator	VWR-12620-960	Orbitek-Rocker	Mini Rotator-Vortex
Automated CBC with Automated Differential	4°C lab refrigerator, 240V	Domestic	Isotemp/Fisher	
Manual CBC: Hematocrit	Microhematocrit centrifuge	Hemastat	LW Scientific	Vulcon Technologies Microspin 24
Manual CBC: Hematocrit	Microhematocrit reader	Fisher Scientific StatSpin Card Style Reader #22-269-260	Fisher Scientific Kendall Healthcare Microhematocrit Tube Reader #22-260984	International Equipment Company such as reader model MB
CD4	Blood tube rocker/rotator	VWR-12620-960	Orbitek-Rocker	Mini Rotator-Vortex
CD4	4°C lab refrigerator, 240V (to store controls and calibrators)	Isotemp/Fisher	Domestic	
Automated Chemistry Panel	Centrifuge, bench, non-refrigerated, with standard motor	Fisher 13-100-582	Beckman Coulter	Heraeus
Automated Chemistry Panel	4°C lab refrigerator, 240V (to hold supplies)	Domestic	Isotemp/Fisher	
Automated Chemistry Panel	(-20°C) lab freezer (not self-defrosting) (to store reagents or aliquots of reagents/ calibrators)	Domestic		
Automated Chemistry Panel	Water distiller, complete with wall bracket and tubing	Barnstead International	Thermo Scientific	

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AFB Smear	Biosafety Cabinet Class II (if this level will perform any TB activity other than direct specimen smearing, BSC Class II is required)	Baker SterilGARD	NuAire Labguard	Labconco Purifier Logic Class II
Cryptococcal Antigen Test	Centrifuge (1000 x g)			
Cryptococcal Antigen Test	56°C Water bath, 15L, 240V, 50/60Hz	VWR-14231-854	Napco (Levels I-III)	Precision Scientific
Cryptococcal Antigen Test	4°C lab refrigerator, 240V (to store specimens until testing and for kit reagents)	Domestic	Isotemp/Fisher	
Gram's Stain	Incubators (CO ₂ and non-CO ₂)	Fisher		
Gram's Stain	4°C lab refrigerator, 240V (to store media)	Domestic	Isotemp/Fisher	
TPPA/TPHA	Centrifuge, bench, non-refrigerated, with standard motor	Fisher 13-100-582	Beckman Coulter	Heraeus
TPPA/TPHA	4°C lab refrigerator, 240V (to hold supplies)	Domestic	Isotemp/Fisher	
TPPA/TPHA	Blood tube rocker/rotator (optional)	VWR-12620-960	Orbitek-Rocker	Mini Rotator-Vortex
RPR	Centrifuge, bench, non-refrigerated, with standard motor	Fisher 13-100-582	Beckman Coulter	Heraeus
RPR	Blood tube rocker/rotator	VWR-12620-960	Orbitek-Rocker	Mini Rotator-Vortex
Type and Crossmatch	4°C lab refrigerator with continuous temperature monitoring capability	Domestic	Thermo Scientific	
Type and Crossmatch	(-40°C) laboratory freezer refrigerator with continuous temperature monitoring capability	Domestic	Thermo Scientific	
Type and Crossmatch	56°C Water bath, 15L, 240V, 50/60Hz	VWR-14231-854	Napco (Levels I-III)	Precision Scientific
Type and Crossmatch	Platelet rotator	Thermo Scientific		
Type and Crossmatch	Platelet incubator	Thermo Scientific	Fisher	
Type and Crossmatch	Test tube agglutination viewer	BD Diagnostics	Fisher	
Urine Dipstick - Microscopy	Centrifuge			
Microbiological Transport	4°C lab refrigerator, 240V	Domestic	Isotemp/Fisher	

**Mention of any equipment in this document does not indicate endorsement by the World Health Organization, the U.S. Government, the American Society for Clinical Pathology, the Clinton Foundation, the Bill & Melinda Gates Foundation, or the Global Fund. The above list includes examples of supply/equipment options and should not be considered all-inclusive.*