



Republic of the Philippines
 Department of Health
HEALTH FACILITIES AND SERVICES REGULATORY BUREAU

ANNEX - A

I. SERVICE CAPABILITY OF GENERAL CLINICAL LABORATORY (Place a ✓ on spaces provided before each item if available and X if not)

SECTION	SERVICES	GLASSWARES AND SUPPLIES		Remarks (Quality Improvement)
		Primary and Secondary	Tertiary	
SPECIMEN COLLECTION	Blood Extraction	<input type="checkbox"/> Slides <input type="checkbox"/> Cottons <input type="checkbox"/> Labeling Materials <input type="checkbox"/> Lancet <input type="checkbox"/> Sterile Medical tape <input type="checkbox"/> Syringe(any gauge 21,22,23) (Expiration Date)	<input type="checkbox"/> Alcohol 70% <input type="checkbox"/> Capillary Tubes <input type="checkbox"/> Tourniquet <input type="checkbox"/> Test Tubes	All in Primary & Secondary plus: <input type="checkbox"/> Plastic calibrated loop and other necessary materials <input type="checkbox"/> Sterile Screw Cap Specimen Container <input type="checkbox"/> Sterile Swab
	Other Body Fluids (Urine, Stool, Sputum, etc.)	<input type="checkbox"/> Specimen container w/ cover or Screw Cap (50mL) <input type="checkbox"/> Applicator Stick		
Other equipment and supplies		<input type="checkbox"/> Non- Mercurial Thermometer: (Room and storage refrigerator) <input type="checkbox"/> Refrigerator		

II. SERVICE CAPABILITY OF GENERAL CLINICAL LABORATORY

CATEGORY	SECTION	SERVICES	EQUIPMENT/ INSTRUMENTS		REAGENTS	GLASSWARES/ SUPPLIES	Remarks (Quality Improvement)
			MANUAL	AUTOMATED			
PRIMARY, SECONDARY & TERTIARY	CLINICAL MICROSCOPY	Urinalysis	<input type="checkbox"/> Clinical Centrifuge (2,000 rpm) ¹ <input type="checkbox"/> Microscope (Binocular Compound)		<input type="checkbox"/> 4 - parameter strips <input type="checkbox"/> 10 - parameter strips	<input type="checkbox"/> Slides <input type="checkbox"/> Test tubes(10ml) ¹ <input type="checkbox"/> Cover Slips <input type="checkbox"/> Test Tube Rack <input type="checkbox"/> Applicator sticks	
				<input type="checkbox"/> Strip Reader	<input type="checkbox"/> 10 Parameters Control <input type="checkbox"/> Low <input type="checkbox"/> Normal <input type="checkbox"/> High		
		Stool Analysis			<input type="checkbox"/> Normal Saline Solution <input type="checkbox"/> Lugol's Iodine		
		Special Tests					

III. SERVICE CAPABILITY OF GENERAL CLINICAL LABORATORY

CATEGORY	SECTION	SERVICES	EQUIPMENT/ INSTRUMENTS		REAGENTS <i>(Take note of Expiration Dates)</i>	GLASSWARES/ SUPPLIES	REMARKS <i>(Quality Improvement)</i>
			MANUAL	AUTOMATED			
PRIMARY, SECONDARY & TERTIARY	HEMATOLOGY	Hemoglobin	_ Spectrophotometer or its equivalent		_ Hemoglobin Reagent (Cyanmet Hemoglobin) _ Standard	_ Cuvettes / test tubes _ Sahli / micro pipette	
		Hematocrit	_ Hematocrit Centrifuge _ Hematocrit Reader			_ Capillary Tube _ Sealer	
		Red Blood Cells (Optional)	_ Pipette Shaker _ Tally Counter _ Microscope		_ RBC Diluent	_ RBC / micro pipette _ Hemacytometer w/ Cover Slips	
		White Blood Cells			_ WBC Diluent	_ WBC / micro pipette	
		Platelet Count <i>(Qualitative for Primary laboratory, Quantitative for Secondary and Tertiary Laboratory)</i>			_ Platelet _ Diluent	_ Petri Dish (as applicable)	
		Differential Count	_ Differential Counter		_ Hematology Staining Kit _ Oil immersion	_ Slides _ Staining Glasses	

CATEGORY	SECTION	SERVICES	EQUIPMENT/ INSTRUMENTS		REAGENTS (Take note of expiration date)	GLASSWARES/ SUPPLIES	REMARKS (Quality Improvement)
			MANUAL	AUTOMATED			
	HEMATOLOGY	Complete Blood Count		Hematology Analyzer	_ Diluents _ Lyse _ Cleanse Solution Controls _ Low _ Normal _ High _ Other Reagents	_ Test tubes	
		Blood Grouping (Tube Method for <i>Hospital Based</i>)	_ Serofuge or its equivalent	Semi- automated machine;	_ Blood Typing Sera	_ Slides	
		Cross matching (<i>Hospital Based</i>)	_ Water bath or its equivalent		_ Anti- Human Globulin _ Enhancement solution(LISS) _ Normal Saline Soln.		
		Others: (optional) Peripheral Blood Smears	_ Differential Counter		_ Hematology Staining Kit _ Oil immersion	_ Staining Glasses	
		Coagulation	_ Calibrated Pipettes	Coagulation machine:	_ Coagulation Reagents _ controls		

IV. SERVICE CAPABILITY OF GENERAL CLINICAL LABORATORY

CATEGORY	SECTION	SERVICES	EQUIPMENT/ INSTRUMENTS		REAGENTS (Take note of expiration date)	GLASSWARES/ SUPPLIES	REMARKS (Quality Improvement)
			MANUAL	AUTOMATED			
SECONDARY & TERTIARY	CLINICAL CHEMISTRY	Routine Test: Blood Glucose Total Cholesterol Blood Uric Acid Blood Creatinine Blood Urea Nitrogen	<ul style="list-style-type: none"> _ Spectrophotometer or its equivalent _ Calibrated Pipettes _ Clinical Centrifuge _ Water Bath or equivalent _ Timer _ Refrigerator 	Indicate Name of Machine	Controls _ Normal _ Pathologic Test Reagents _ Glucose _ Total Cholesterol _ Uric Acid _ Creatinine _ BUN	<ul style="list-style-type: none"> _ Cuvettes _ Test tubes _ Glass _ Pipettes _ Pipette & Pipette tips _ Test Tubes Rack 	
		TERTIARY (Optional for Secondary)	Other Special Tests: Liver Profile Lipid Profile & Other Body Fluids				

V. SERVICE CAPABILITY OF GENERAL CLINICAL LABORATORY

CATEGORY	SECTION	SERVICES	EQUIPMENT/ INSTRUMENTS		REAGENTS (Take note of expiration date)	GLASSWARES/ SUPPLIES	REMARKS (Quality Improvement)
			MANUAL	AUTOMATED			
TERTIARY (Optional for Secondary)	IMMUNOLOGY/ SEROLOGY	RPR/Syphilis Test	<ul style="list-style-type: none"> _ Clinical Centrifuge _ Microscope/ agglutination viewer 	Indicate Name of Machine (If applicable)	Indicate Test Kits _____	_ Test tubes	
		ASO Titer					
		CRP	<ul style="list-style-type: none"> _ Micro plate/ Strip System _ Bead System _ ELISA and Washer Set _ Water Bath at 37 °C 				
		Hepatitis Profile HBsAg & others....					
		Others: HIV Test (OFW)			_ Test Kits / Reagents		

VI. SERVICE CAPABILITY OF GENERAL CLINICAL LABORATORY

CATEGORY	SECTION	SERVICES	EQUIPMENT/ INSTRUMENTS		REAGENTS (Take note of expiration date)	GLASSWARES/ SUPPLIES	REMARKS (Quality Improvement)
			MANUAL	AUTOMATED			
SECONDARY (HB) TERTIARY	MICROBIOLOGY	Gram Stain	<ul style="list-style-type: none"> _ Microscope with Oil-immersion objective _ Staining Rack _ Bunsen Burner _ Timer 		_ Gram's stain Kit	<ul style="list-style-type: none"> _ Slides _ Loop _ Applicator Sticks _ Forceps 	
		KOH					
TERTIARY	MICROBIOLOGY	Acid-Fast Bacilli Stain			_ Isolation Hood with exhaust fan (Improved) (optional for tertiary laboratory)		
		Culture and Sensitivity	<ul style="list-style-type: none"> _ Incubator _ Drying Oven _ Autoclave _ Refrigerator _ Centrifuge _ Bunsen Burner or Electric /Loop Incinerator _ Weighing Scale _ Biosafety cabinet (Class II Type A with certification) _ Water Bath _ Candle Jar _ Caliper/Ruler Table Lamp _ Electric/Gas Stove _ Laboratory Thermometer _ Calibrated Inoculating Loops _ Timer _ Colorimeter _ Forceps 	Indicate Name of Machine	<p>Culture Media</p> <ul style="list-style-type: none"> _ BHI _ BAP _ MAC _ CAP _ GBA _ BCA _ SSA _ TCBS _ MHA _ TSB _ SFB _ APW _ Thio broth _ TSA _ MHA w/ 5% sheep Blood <p>_ Biochemical Reaction (Conventional Method/ Commercially Prepared)</p> <p>_ Sensitivity Disk/ Antimicrobial Disk</p> <p>_ Mac Farland Standard (0.5)</p> <p>Control Strains (ATCC)</p> <ul style="list-style-type: none"> _ Pseudomonas aeruginosa _ Staphylococcus aureus _ Escherichia coli 	<ul style="list-style-type: none"> _ Graduated Cylinder _ Beaker _ Petri dish _ Swabs _ Applicator Sticks _ Loop _ Glass Pipettes 	

VII. SERVICE CAPABILITY OF GENERAL CLINICAL LABORATORY

CATEGORY	SECTION	SERVICES	EQUIPMENT/ INSTRUMENTS		REAGENTS (Take note of expiration date)	GLASSWARES/ SUPPLIES	REMARKS (Quality Improvement)
			MANUAL	AUTOMATED			
(Level III HB)	ANATOMICAL PATHOLOGY	_ Surgical Pathology _ Cytology	_ Microtome _ Paraffin Oven _ Tissue Processor		_ Formalin _ Hematoxylin & Eosin _ Xylene _ Alcohol (50%, 70%, 80% 90%, 100%) _ Paraffin wax _ Xylene _ Chloroform _ Benzene _ Carbon tetrachloride _ Toluene	_ Slides _ Staining Glasses	
		_ Frozen Section	_ Cryostat		_ Alcohols (70%, 80%, 90%) _ Isopentane _ H & E stain	_ Block-holder _ Staining Glasses	
		_ Autopsy					

Note: These are the list of minimum requirements as to equipment, reagents/culture media, supplies & glassware's per category. Additional services are acceptable provided that appropriate items mentioned with technical procedures, space and personnel are available, if necessary.