



AMEL-1-0721-002C

## SCOPE OF ACCREDITATION

### HI-PRECISION DIAGNOSTIC CENTER INC. MAIN BRANCH

440-442 Del Monte Avenue corner Biak-na-Bato  
Street, Barangay Siena, Quezon City

#### Medical Testing

Classification of Scopes	Specific tests or Measurements	Standard Method / Reference Standard
<b>Bacteriology</b>		
Preparation of films for microscopic examination	AFB	Manual
	Gram Stain	
	KOH	
Inoculation of cultures	Blood	Manual
	Urine	
	Stool	
	Other Body Fluids	
Microscopic examination of clinical specimens	AFB	DSSM
	Gram Stain	Gram Hucker's
	KOH	Microscopic analysis
- Identification of organisms including and excluding antibiotic susceptibility testing	Culture and Sensitivity Testing	Manual Identification Manual Sensitivity testing: Disk Diffusion BD Phoenix (For Automated Identification and Sensitivity) Vitek2 compact (For Automated Identification and Sensitivity) <b>CLSI</b>
	Blood	
	Urine	
	Stool	
	Other Body Fluids	
<b>Parasitology</b>		
Preparation and examination of films Limited identification of parasites	Fecalysis	Manual Macroscopic and Microscopic analysis
	Limited identification of parasites	
<b>Miscellaneous tests</b>		
Sperm Analysis	Sperm Analysis	Manual
<b>Serology of infection</b>		
Limited serological testing	Typhoid	Immunochromatography
	Dengue NS1 Antigen	Lateral flow
	Dengue IgG/ IgM	Solid phase
	D-dimer	Quantitative Immunochromatography using sandwich principle
	Troponin T	
	Rapid Plasma Reagin (RPR)	Nontreponemal flocculation card test



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Limited serological testing	Treponema Palidum Particle Agglutination (TP-PA)	Particle agglutination test
	Antistreptolysin O (ASO titer)	
	C-reactive protein (CRP)	
	Rheumatoid Factor (RF)	
Immunohaematology		
Blood grouping including ABO, Rh(D)	Blood grouping including ABO Typing	Manual / automated
	Rh Typing (automated) – DU typing	Column Agglutination Technique DU typing (manual)
Haematology		
Blood counts	CBC, WBC with Differential Count, RBC Count	Fluorescence cytometry Hydrodynamic focusing (DC Detection)
	Platelet Count	
	Hemoglobin	HgB- Sodium Lauryl Sulfate (SLS)
	Hematocrit	HCT – Calculated via the RBC pulse height detection method
Visual examination of blood films	Peripheral Blood Smear	Manual
Erythrocyte sedimentation rate	Erythrocyte sedimentation rate (ESR)	Manual Westergren method
Automated differential leukocyte counts	WBC with Differential count	Automated XN 1000 Fluorescence cytometry Manual: Hemocytometer counting chamber
Examination for malarial parasites Other tests	Examination of malarial parasites	Manual Multi wavelength
	Coagulation test	
	Prothrombin Time (PT)	
	Partial Thromboplastin Time (PTT)	
	Fibrinogen	
Immunology		
- Total IgE - Other tests	Total IgE	Electrochemiluminescence Immunoassay (Sandwich Principle)
	Prostate Specific Antigen (PSA+)	
	Carcinoembryonic Antigen (CEA)	
	CA 72-4	



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- Total IgE - Other tests	CA 19-9	Electrochemiluminescence Immunoassay (Sandwich Principle)
	CA 15-3	
	CA125	
	Alphafetoprotein (AFP)	
	Thyroglobulin	
	C-Peptide	Chemiluminescent microparticle immunoassay
	DHEAS	
	FPSA	Electrochemiluminescence Immunoassay (Sandwich Principle)
	HIV	Chemiluminescent microparticle immunoassay
	Hepatitis B profile (HBsAG)	Chemiluminescent microparticle immunoassay
	Anti-HBs	
	HBeAG	
	Anti-HBe	
	Anti-HBc IgM	
	Anti-HBc Total	
Anti-HAV IgM and IgG (Hepatitis A)		
Anti-HCV (Hepatitis C)		
Phenobarbital		
<b>General Chemistry</b>		
Analytes in general use in cardiac, liver function, lipid, renal and other profiles and metabolic studies	Analytes in general use in cardiac, liver function, lipid, renal and other profiles and metabolic studies using blood, urine and other body fluids, as applicable	COBAS 8000 Architect c4000
	Cholesterol	Enzymatic, Colorimetric Method
	Albumin	Dye Binding Bromocresol Green
	Alkaline Phosphatase (ALP)	Para-Nitrophenyl Phosphate
	Alanine Aminotransferase (ALT)	ALT IFCC with pyridoxal phosphate activation
	Amylase	CNPG3 Substrate



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Analytes in general use in cardiac, liver function, lipid, renal and other profiles and metabolic studies	Aspartate Aminostransferase (AST)	AST IFCC with pyridoxical phosphate activation dehydrogenase
	Direct Bilirubin Total Bilirubin	Diazonium Salt / Diazonium Ion with Blank
	Total Calcium	Colorimetric o-cresolphthalein
	CO <sub>2</sub> (serum)	PEP Carboxylase
	Creatinine	Enzymatic Colorimetric
	Glucose	Hexokinase
	Gamma Glutamyl Transferase (GGT)	Enzymatic Colorimetric
	HDL Cholesterol	Enzymatic Colorimetric
	Lactate Dehydrogenase (LDH)	UV Assay
	Lipase	Quinone Dye
	Magnesium	Colorimetric Endpoint method
	Phosphorus	Phosphomolybdate - Not Reduced
	Creatine Kinase (CK)	UV Test
	Total Protein	Biuret
	Triglycerides	Enzymatic Colorimetric
	Unsaturated iron-binding Capacity (UIBC)	Ferene
	Iron (serum)	Ferene
	Ferritin	Chemiluminescent microparticle immunoassay
	Blood Urea Nitrogen (BUN)	Kinetic test with urease and glutamate dehydrogenase
	Uric Acid	Enzymatic Colorimetric test
	Chloride	Indirect ISE
	Potassium	
	Sodium	
	Ionized Calcium	Direct ISE
	Glycosylated Hemoglobin (HbA1c)	HPLC



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Protein, quantitative analysis	Protein, quantitative analysis of Blood, urine and other body fluid (Total Protein Test)	Biuret Benzethonium Chloride
	ACP/ NACP	Colorimetric
	Total Serum Protein	Biuret
	Urine Protein	Benzethonium Chloride
Proteins, qualitative and semi- quantitative analysis;	Proteins, qualitative and semi-quantitative analysis (Chemical Evaluation of Urine) urinalysis	Chemical – Colorimetric Microscopic – Manual and Flow Cytometry
Hormones	Follicle Stimulating Hormones	Electrochemiluminescence Immunoassay (Sandwich Principle)
	Insulin	
	Estrogen	
	Progesterone	
	Prolactin	
	Testosterone	
	Cortisol	
	Estradiol	
	T3	
	T4	
	FT3	
	FT4	
	Thyroid Stimulating Hormones	
	B-HCG quantitative	
Intact PTH		
- Pregnancy test-qualitative	Pregnancy test-qualitative (urine and blood)	Immunochromatography
- Other tests	Urinalysis (Chemical and Microscopic)	Immunochromatography Flow Cytometry



**Philippine  
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Bureau**

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Drug Testing		
	Detection of drugs of abuse (THC and Methamphetamine)	Lateral Immunochromatography
Molecular Biology		
	COVID-19 PCR HBV-DNA	RT-PCR

*Ernani M. Dionisio*  
**ERNANI M. DIONISIO**

Officer-in-Charge  
Philippine Accreditation Bureau



**PAB ACCREDITED  
MEDICAL LABORATORY  
PNS ISO 15189:2013  
MLA-2010-002C**