

# McQAS

*Malaysian College Quality Assurance Scheme*



# EXTERNAL QUALITY ASSURANCE



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# ABOUT US

**OASYS™**  
Oneworld Accuracy System

Online,  
multitenants EQA  
informatics  
system



245 products  
covering 855  
analytes



oneworld  
ACCURACY®

Global partnership  
with OneWorld  
Accuracy Inc. (1WA),  
Canada



ISO/IEC  
17043:2010  
Accredited

FDA approved  
EQA Products





# OUR PROGRAMME

Andrology EQA

Chemistry EQA

Clinical Serology EQA

Microbiology/Virology EQA

Diagnostic Immunology  
EQA

Matrix Insensitive  
Chemistry EQA

Standardization EQA

Haematology EQA

Coagulation EQA

Transfusion Medicine

Clinical Microscopy

Bacteriology EQA

Parasitology EQA

Mycobacteriology EQA

Mycology EQA

Molecular Diagnostics  
Quality Control

Molecular Diagnostics  
Verification Samples

Molecular Diagnostics  
Verification Kits

Molecular Diagnostics  
EQA



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# PROGRAMME DETAILS

## ANDROLOGY EQA

- Sperm Motility
- Sperm Screen and Count
- Sperm Viability and Morphology

## CHEMISTRY EQA

- Adulterated Urine
- Alcohol
- Ammonia
- Basic Glycated Hemoglobin
- Blood Gas/Electrolytes
- Body Fluid Chemistry
- Body Fluid Crystals
- Cardiac Markers
- Cerebrospinal Fluid Chemistry
- Chemistry/Immunoassay
- Clinical Chemistry
- CO-Oximetry
- Fecal Occult Blood
- Fecal Occult Blood
- Fetal Fibronectin
- Gastric Occult Blood
- Glucose POC
- Glucose POC-Whole Blood
- Human Chorionic Gonadotropin
- i-STAT Blood Gas/Electrolytes/Hematocrit
- Immunosuppressants
- Ketones
- Nitrazine
- Procalcitonin
- Serum Protein Electrophoresis
- Special Chemistry
- Special Immunoassay
- Specific Proteins
- Sweat Testing
- Whole Blood Hemoglobin
- Total Protein
- Tumor Markers
- Urinalysis
- Urinalysis and Sediment
- Urine Chemistry
- Urine Crystals
- Urine Drugs of Abuse
- Urine hCG
- Urine Microalbumin

## MICROBIOLOGY / VIROLOGY

- HIV Viral Antigen Detection

## MATRIX INSENSITIVE CHEMISTRY EQA

- Neonatal Bilirubin
- Routine Chemistry
- Therapeutic Drug Monitoring

## CLINICAL SEROLOGY EQA

- Dengue Virus Serology
- Helicobacter pylori
- Antibody Hepatitis
- Serology
- Infectious Mononucleosis
- Lyme Disease
- Multimarker Blood Screening Serology
- Mycoplasma Antibody
- Retrovirus and Syphilis Serology
- SARS-CoV-2 Antigen
- SARS-CoV-2 Serology
- TORCH and EBV Serology
- New West Nile Virus Serology

## DIAGNOSTIC IMMUNOLOGY EQA

- Anti Nuclear Antibody
- Anti Streptolysin O
- C-Reactive Protein
- Coeliac Disease
- Inhalant and Food Allergy
- Rheumatoid Factor
- Thyroid
- Autoimmunity

## STANDARDIZATION

- Total Cholesterol
- eGFR Monitoring
- Hemoglobin A1c Monitoring
- Lipids Monitoring

## TRANSFUSION MEDICINE

- Basic Transfusion Medicine
- Comprehensive Immunohematology
- Comprehensive Transfusion Medicine
- Direct Antiglobulin Testing
- Immunohematology

## CLINICAL MICROSCOPY

- Clinical Microscopy

## COAGULATION EQA

- Coagulation Plasma
- Prothrombin Time XS POC



# PROGRAMME DETAILS

## HEMATOLOGY EQA

- Body Fluids
- Body Fluids Differential
- Body Fluids for Automated Instruments
- Erythrocyte Sedimentation Rate
- Erythrocyte Sedimentation Rate for Alifax
- Fetal RBC and F Cell Detection
- Flow Cytometry Progenitor Cells
- Hematology
- Hematology 3-Part
- Differential Hematology 5-Part
- Differential Lymphocyte
- Immunophenotyping
- Peripheral Blood Morphology and Differential
- Reticulocytes
- Sickle Cell Screening

## BACTERIOLOGY EQA

- Bacterial Identification
- Blood Culture
- Carbapenem Resistant Enterobacteriaceae
- Clostridium difficile Antigen
- Genital Culture
- Gram Stain
- Group B Streptococcus
- Methicillin Resistant Staphylococcus aureus
- Neisseria gonorrhoeae Culture
- Streptococcus A Antigen
- Streptococcus A Culture
- Throat Culture
- Urine Colony Count
- Urine Culture
- Vancomycin Resistant Enterococcus
- Virtual Bacterial Vaginosis
- Virtual Gram Stain

## MYCOBACTERIOLOGY EQA

- Mycobacterium Acid Fast Stain
- Mycobacterium Species Culture

## MYCOLOGY EQA

- Cryptococcus Antigen
- Dermatophyte Culture
- KOH Slides
- Mold and Yeast Culture

## PARASITOLOGY EQA

- Blood Parasites Malaria
- Malaria Antigen
- Trichomonas vaginalis
- Virtual Blood Parasites
- Virtual Malaria Virtual Stool Parasites
- Wet Mount

## MOLECULAR DIAGNOSTICS EQA

- Accredited C. trachomatis, N. gonorrhoeae and T. vaginalis Molecular POC
- Dried Tube Sample HBV Molecular POC
- Dried Tube Sample HIV and Early Infant Diagnosis Molecular POC
- Dried Tube Whole Blood HCV Molecular POC
- HBV Molecular
- HCV Molecular
- HCV Molecular POC
- HIV Molecular
- HPV Molecular
- Leptospirosis Molecular
- Multimarker Blood Screening Molecular
- Multimarker Plasma Fractionation Molecular
- Mycobacterium Molecular POC
- SARS-CoV-2 Molecular
- Sexually-Transmitted Infections Molecular
- Viral Exanthems Molecular
- Viral Respiratory Molecular

## MOLECULAR DIAGNOSTICS VERIFICATION KITS

- HPV Molecular Diagnostics Verification Kits
- Influenza Molecular Diagnostics Verification Kits
- Mycoplasma Genitalium Molecular Diagnostics Verification Kits
- Respiratory Molecular Diagnostics Verification Kits
- RSV Molecular Diagnostics Verification Kits
- SARS-CoV-2 Molecular Diagnostics Verification Kits

## MOLECULAR DIAGNOSTICS VERIFICATION SAMPLES

- HPV Molecular Diagnostics Verification Samples
- Influenza Molecular Verification Samples
- Mycoplasma Genitalium Molecular Diagnostics Verification Samples
- RSV Molecular Diagnostics Verification Samples
- SARS-CoV-2 Molecular Diagnostics Verification Samples

## MOLECULAR DIAGNOSTICS QUALITY CONTROLS

- HPV Molecular Diagnostics Quality Controls
- Mycoplasma Genitalium Molecular Diagnostics Quality Controls
- RSV Molecular Diagnostics Quality Controls
- SARS-CoV-2 Molecular Diagnostics Quality Controls

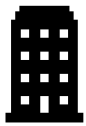


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**MCPATH QAP SDN BHD (1032288-D)**

**Academy of Medicine of Malaysia,**

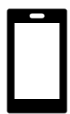
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