



**Bureau of Laboratory Quality Standards
Ministry of Public Health**

This is to certify that

The laboratory of

IRD U 174 PHPT Laboratory

110 Warorot Road, SriPoom, Muang Chiang Mai 50200, Thailand

has been accepted as an
accredited laboratory complying with the ISO 15189 : 2012
and the requirements of the Bureau of Laboratory Quality Standards

The laboratory has been accredited for specific tests
listed in the scope within the field of

Medical Laboratory

(Dr. Patravee Soisangwan)

Director of Bureau of Laboratory Quality Standards

Date of Accreditation : 22 August 2019

Valid Until : 21 August 2021

Accreditation Number 4092/54

The Laboratory of IRD U 174 PHPT Laboratory has been accepted as an accredited laboratory in the field of medical laboratory for the following scopes.

No.	Type of Sample	Test	Method
1.	Human Plasma	HIV Viral Load	RT-PCR : Abbott m2000 Analyzer
2.	Human Plasma	HIV Drug Resistance	RT-PCR /Gene Sequencing - In house genotyping - ViroSeq kit
3.	Human Plasma	Drug Level measurement	Therapeutic Drug Monitoring -Liquid Chromatography-triple quadrupole Mass Spectrometry (LCMS-MS) for Lamivudine (3TC), Abacavir (ABC), Zidovudine (AZT), Emtricitabine (FTC), Tenofovir (TDF), Atazanavir (ATV), Darunavir (DRV), Efavirenz (EFV), Nevirapine (NVP), Lopinavir (LPV) and Ritonavir (RTV) - Reverse-phase High Performance Liquid Chromatography with Ultraviolet detection (HPLC) for Atazanavir (ATV), Darunavir (DRV), Efavirenz (EFV), Lopinavir (LPV) and Ritonavir (RTV)

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Reviewed by Head of Laboratory Accreditation Section  (Mr.Surasak Muenphon)

The Laboratory of IRD U 174 PHPT Laboratory has been accepted as an accredited laboratory in the field of medical laboratory for the following scopes.

No.	Type of Sample	Test	Method
4.	Whole Blood	HIV DNA PCR	Real Time PCR
5.	Human Plasma	HBV Viral Load	RT-PCR : Abbott m2000 Analyzer
6.	Human Plasma	HCV Viral Load	RT-PCR : Abbott m2000 Analyzer
7.	Human Plasma	HCV Genotypic resistance	RT- PCR /Gene Sequencing - In house genotyping

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