Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

9003

Accredited to ISO 15189:2022

Imperial College of Science, Technology and Medicine operating as Imperial College London

Issue No: 016 **Issue date:** 14 September 2026

Molecular Diagnostics Unit
Room I.2.3
2nd Floor, Lift Bank D
Chelsea & Westminster Hospital
369 Fulham Road,
London
SW10 9NH

Contact: Alex Yang
Tel: +44 (0)20 3315 5986
E-Mail: alex.yang@imperial.ac.uk
Website: http://www.imperial.ac.uk/medicine/molecular diagnostic-unit/

Testing performed at the above address only

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS	Molecular virology examination activities for the purposes of clinical diagnosis	Procedures documented in relevant equipment manuals and in house documented procedures by the following methods:
Whole blood (EDTA) and CSF	HTLV 1 & 2 proviral load	Manual extraction, real-time QPCR using BioRad CFX SOP MDU0400 In-house method for assaying HTLV-1 provirus load
	HTLV 1&2 proviral detection and genotyping	Nsted PCR with gel electrophoresis visualisation using ABI GeneAmp 9700 and SureCycler 8800 MDU0406 - Manual extraction, digestion using restriction enzyme, visualisation using gel electrophoresis

9003

Accredited to ISO 15189:2022

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Imperial College of Science, Technology and Medicine operating as Imperial College London

Issue No: 016 **Issue date:** 14 September 2026

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS	Molecular virology examination activities for the purposes of clinical diagnosis	Procedures documented in relevant equipment manuals and in house documented procedures by the following methods:
Plasma (EDTA) and CSF	Detection of mutations in the integrase and protease-RT genes of HIV-1 associated with reduced susceptibility to anti- HIV drugs	Manual RNA extraction, reverse transcribed PCR amplification using, ABI GeneAmp 9700 thermocycler, SureCycler 8800 SOP MDU0311 In-house PCR amplification and sequencing of HIV-1 protease/RT Next Generation Sequencing using Illumina MiSeq platform. SOP MDU0312 Operation of the Illumina MiSeq Next Generation Sequencer SOP MDU0316 Operation of the Illumina iSeq Next Generation MDU0314 MiSeq Sample Library Preparation using Illumina Nextera XT kit Reporting SOP MDU 0302 Reporting and storage of HIV-1 resistance results
END		