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SERVICES

studies
location

A quality orientated service for diagnosis and monitoring of BBV has been established at IVVI NIHE. The laboratory offers a full serological and molecular diagnostic menu for investigations of BBV infections.

The focus of IVVI is on cost effective, sustainable assay solutions and development of in house molecular assays is an essential component of the programme. All tests both commercial and in-house tests are accredited to ISO 15189 standards. HIV-1 DRM assays are also accredited by the National Reference Laboratory (NRL) Australia TAQAS scheme and currently being evaluated by WHO for accreditation.

Continuous "twining" with [UCD NVRL](#) ensures the diagnostic service is supported and aligned with best practice in Europe.

Serological Assays	Molecular Assays
Hepatitis B virus surface (HBs) antigen	Hepatitis B viral load (commercial)
Anti-HBs antibody	Hepatitis B viral load
Hepatitis B virus e antigen (HBe)	HBV genotyping and DRM [^] analysis (In-house)
Anti-HBe antibody	
Anti-HB core (HBc) antibody (total)	
Anti- HBc IgM	
HCV antigen/antibodies	Hepatitis C viral load (commercial)
	Hepatitis C viral load (In-house)
	Hepatitis C genotyping (In-house)
HIV 1 2 antigen/antibodies	HIV-1 viral load (commercial)
Anti-HIV 1 2 antibody immunoblot	HIV-1 viral load (In-house)
	HIV-1 DRM [^] analysis (commercial)
	HIV-1 DRM [^] analysis (In-house)
Anti-HTLV I/II antibody	

[^]DRM: Drug resistance mutations

Advice on sample collection, preparation and transport to the laboratory is available by contacting [Dr. Lan Anh Nguyen](#)

Additional capabilities

- Measles Serology and RNA testing
- Influenza RNA testing (including H5N1 variants)
- Rubella Serology and RNA testing
- Dengue Serology and RNA testing
- IL28 SNP analysis for HCV management
- Phylogenetic analysis
- Whole genome sequencing

Information available on request: [Dr. Lan Anh Nguyen](#)

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