

THE NATIONAL LABORATORY FOR HIV REFERENCE SERVICES



Public Health
Agency of Canada

Agence de santé
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2007

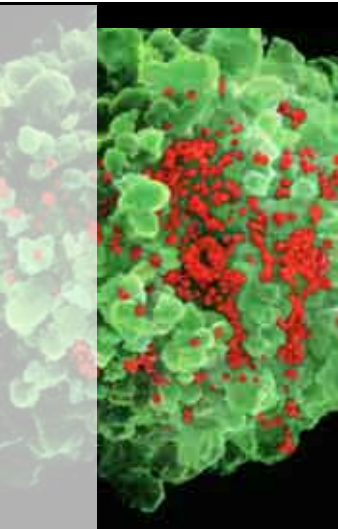
DIGITALPT

PROFICIENCY TESTING PROGRAM

V 2007.2.11

La version française de ce catalogue sera disponible à une date ultérieure.

DIGITALPT ADVANTAGE



The National Laboratory for HIV Reference Services (NLHRS) is part of the Public Health Agency of Canada's National HIV and Retrovirology Laboratories, which also include the National Laboratory for HIV Genetics, the National Laboratory for HIV Immunology and the Viral Evolution and Molecular Epidemiology Unit.

The NLHRS, located in Ottawa, Ontario, provides HIV and HTLV proficiency testing (PT) programs to Canadian and international laboratories. The NLHRS also provides HIV and HTLV (Human T-cell Leukemia Virus I/II) serology and molecular reference services in support of testing programs conducted by provincial ministries of health and the Canadian Blood Services. The NLHRS works closely with the Canadian Association of HIV Clinical Laboratory Specialists to ensure that HIV and HTLV testing in Canada is among the best in the world.

The NLHRS is a member of the DigitalPT International PT Collaboration - an active collaboration of PT Providers and their laboratories using the DigitalPT informatics system to share academic and educational resources to improve the global quality of laboratory testing.



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DigitalPT provides the convenience and efficiency of a digital informatics system. Your laboratory may submit PT data via the Internet. This allows you to monitor the entire PT process online and in real time: including shipments, registration information, data submission, current and archived performance reports, and customized colour graphs that chart total error trending over multiple test events.

DigitalPT results are delivered via email or fax within days of the close of the test event. Fast turnaround time means PT results can substantially influence patient outcomes and allow corrective actions in a timely and effective manner.

To facilitate standardization, multi-site laboratory organizations may access online customised reports that summarize network-wide performance.

The NLHRS brings digital efficiency to PT. Contact The NLHRS to gain the DigitalPT advantage for your laboratory.



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The National Laboratory for HIV Reference Services

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DIGITALPT OVERVIEW

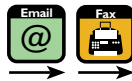


Select your communication preference. Email is strongly recommended for reasons of security, reliability and speed.

Create your own networks. Simply define participants and your network can instantly share aggregated and individual PT performance.

Manage your PT digitally.

1 Test Event | Registration Notice



This Notice confirms upcoming PT test events and registration of your laboratory's analytical systems. Registration changes can be made online at any time before submitting PT results.

2 PT Shipments



PT shipments contain an itemized bill of materials, PT panels, custom worksheets and handling | storage instructions.

3 Submitting Results



Submit results via the Internet any time before the Results Deadline.

4 Missing Results Reminder



This Reminder ensures that your PT results are complete and on time.

5 Statistical Analyses

NLHRS staff monitor and analyze PT results to provide rapid feedback on laboratory performance.

6 Alert | Performance Report



This Alert identifies any flagged results and the Performance Report summarizes all PT results. You have 24/7 online access to all current and archived PT performance.

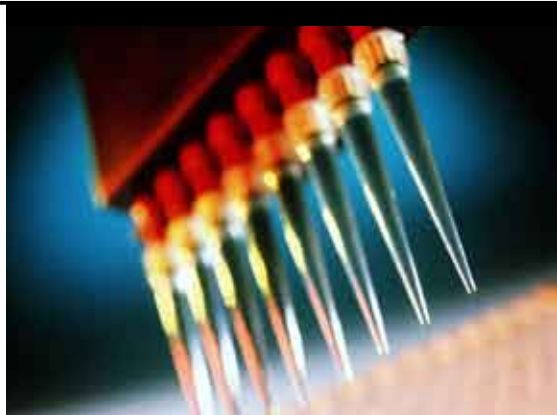
7 Certificate of Participation



A Certificate of Participation is provided annually for each laboratory.



PT PROGRAMS



HIV Serology **PAGE 4**

HIV-1 Viral Load **PAGE 4**

HTLV Serology **PAGE 4**

Online Presentation Request **PAGE 5**

2006 PILOT | 2007 CALENDAR



2006 Pilot (HIV Serology & HIV-1 Viral Load)

Shipment	14 November	2006
Results Deadline	27 November	2006

2007 Calendar (All Programs)

Shipment	15 May	2007
Results Deadline	28 May	2007

Shipment	13 November	2007
Results Deadline	26 November	2007

The Order Code tells you the challenge format

HIVS425 — number of test samples
 |
 number of test events



DigitalPT from NLHRS

PT PROGRAMS

The NLHRS works closely with key stakeholders including provincial ministries of health, the Canadian Blood Services and the Canadian Association of HIV Clinical Laboratory Specialists to ensure that HIV and HTLV testing in Canada is among the best in the world.



HIV SEROLOGY		HIVS425
Qualitative	Liquid human plasma	
COMPATIBILITY	FORMAT	ORDER CODE
<i>Compatible with all analyzers and methods</i>	2 shipments x 5 samples x 1 mL	

ANALYTES

Anti-HIV
HIV antigen

HIV-1 VIRAL LOAD		HIVV428
Quantitative	Frozen human plasma	
COMPATIBILITY	FORMAT	ORDER CODE
<i>Compatible with all analyzers and methods</i>	2 shipments x 8 samples x 1 mL	

ANALYTES

HIV-1 RNA

HTLV SEROLOGY		HTLS425
Qualitative	Liquid human plasma	
COMPATIBILITY	FORMAT	ORDER CODE
<i>Compatible with all analyzers and methods</i>	2 shipments x 5 samples x 1 mL	

ANALYTES

Anti-HTLV-I/II



ONLINE PRESENTATION

Dr. John Kim, Chief of the NLHRS, invites you to participate in an online presentation to discuss how the NLHRS can assist your ministry of health, laboratory network, professional association or healthcare group in improving the quality of HIV and HTLV testing in your country or region.



To arrange for your Online Presentation (30-45 minutes with Q + A)

1. Email | phone | fax the information below.
2. We will contact you to schedule a convenient time.
3. All participants will receive instructions via email.

Organization Name _____

Contact _____

Email _____ Phone _____

List participants for this presentation with their phone and email

Provide any specific questions or areas of interest to be addressed in the presentation
