Rapid HIV Testing: CDC Update

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Rapid HIV Testing Activities

- Confirming reactive rapid HIV test results
- Quality assurance guidance
- Training and education

Confirming Reactive OraQuick™ HIV Test Results

- All reactive OraQuick™ rapid HIV test results must be confirmed.
- The "final" test interpretation must be based on a Western blot (WB) or Indirect immunoflourescence assay (IFA); that is, no matter the results of subsequent EIA testing, the WB or IFA must be performed and used to make the final interpretation.

Quality Assurance Guidelines for Publicly Funded Programs

- **NCHSTP, NCID, and PHPPO collaborating to provide QA guidelines for publicly funded programs**
- **Audience: Supervisors and test performers**
- **Workgroup meeting January 28-29, 2003 (domestic & international experts)**
- **QA guidelines address…**
  - Organization of testing
  - Personnel
  - Process control
  - Documents and records
  - Troubleshooting

Quality Assurance Guidelines Next Steps

- Input from workgroup members
- Input from laboratory and public health partners
- Distribution to funded programs
- Availability on CDC world-wide web site

External Quality Assurance

- **Multiple methods and options**
  - evaluation of confirmatory test results
  - external periodic audit
  - external quality assessment programs (e.g., MPEP)
    - resource issue depending on number of sites
    - technical issues and alternatives
      - number of samples
      - sample matrix
      - HIV antibody titer
      - use of visual test result simulations and “used” tests

Training and Education

- **CDC Satellite Broadcast:**
  - "Update on Rapid Testing for HIV"
  - Thursday, April 24, 2003, 1:00-3:00 PM ET
  - taped interviews
  - panel discussion
- **PHPPO, NCID, and NCHSTP team developing training**
  - target audience: personnel unaccustomed to collecting blood specimens, working with biohazards, performing laboratory tests, and quality assurance
  - multiple formats
  - supplement and complement efforts of others

Summary
CDC HIV Testing Activities

- **Responding to changes in the epidemic**
- **Responding to changes in technology**
- **Collaboration with public and private health partners essential**
  - guidelines development
  - implementation
  - monitoring