



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

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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 immunofluorescence 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.

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Quality Assurance Guidelines for Publicly Funded Programs



- NCHSTP, NCID, and PHPPPO 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

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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

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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

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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

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