

CFAR Virology and Molecular Biomarkers Core Activities

Consultation:

- Test selection, optimal specimen type, results interpretation
- Dangerous goods shipping techniques
- CDC importation permits when importing infectious substances from other countries
- Regulatory issues
- Technical support for proper methods of specimen collection, handling, processing, and shipping

Materials:

- Detailed written protocols (standard operating procedures) on the proper handling and processing of specimens
- Specimen collection devices

Services:

- PCR testing in a CLIA-certified lab for:
 - Chlamydia trachomatis
 - cytomegalovirus viral load
 - HBV viral load
 - HCV viral load
 - HIV-1 RNA viral load, plasma, semen, BAL
 - Proviral HIV DNA
 - HSV
 - Neisseria gonorrhoeae
 - Novel H1N1 influenza
 - Trichomonas vaginalis
- Serology Testing in a CLIA-certified lab for:
 - Syphilis
 - Oraquick HIV
- Development of assays for quantifying non-standard and/or diverse viral standards
- Tests on non-standardized specimens (dried blood spots, and rectal swabs)

Training:

- MiSeq
- Hands-on real-time PCR
- Real-time PCR data analysis and interpretation
- Specimen collection, storage, and shipping for use in clinical trials

Don't Forget To Acknowledge the CFAR In Any Publication Describing CFAR-assisted Work.

Funding from NIH for the CFAR is contingent on our continued documentation that the CFAR is providing 'value added' to the conduct of HIV research. This consists of publications that cite the CFAR base grant in their acknowledgement section. If you receive support of any kind from the CFAR please acknowledge it in your publications and presentations using an appropriate variation of the following text:

This work received assistance from the Center for AIDS Research at Emory University (P30AI050409).