



February 2, 2011, 2011

Dear investigator,

The CDC Dengue Branch has developed a panel to evaluate the sensitivity and specificity of nucleic acid tests for detection and typing of dengue viruses (DENV). This panel contains 8 serial dilutions in normal human plasma of each DENV type that was grown in cell culture, plus two negative controls. The DENV dilutions are represented in simple serial numbers; but serotypes are not indicated. The validity of this panel has been determined in two laboratories where each DENV-type dilution was tested 5 times to determine sensitivity, specificity and reproducibility.

These panels were produced by Cambridge Biomedical under contract with CDC. The tubes are labeled "Cambridge Biomedical, CDC Dengue Project, specimen #". We would like to offer this panel to your laboratory to allow you to obtain a measure of the sensitivity and specificity of your DENV nucleic acid test. We will also send this panel to other laboratories doing DENV nucleic acid testing. In exchange for your use of the panel, we would like to include your laboratory along with the other laboratories in a collaborative study and summarize the testing results in a publication.

We will send the panel to you under code. Upon completion of testing, we will break the code and send you your own results. We will also make the summarized data from the other laboratories available to you – no laboratory will be identified by name at any time. We ask that you test the panel using your laboratory's standard nucleic acid protocol for detection and typing of DENV (e.g., nested PCR, real time PCR). We ask that you send your results electronically using our webpage www.cdc.gov/dengue/panel.

Please let us know if you are interested in acquiring and testing our DENV panel under the conditions specified in this letter and in the attached disclaimer.

Sincerely,

A handwritten signature in blue ink, appearing to read "JL Munoz-Jordan".

Jorge L. Munoz-Jordan, PhD
Chief of Molecular Virology and Surveillance
CDC-Dengue Branch
1324 Canada Street
San Juan, PR 00920
TEL: (787) 706-2399
FAX: (787) 706-2496

Attc.