



Questions on the GHDx Center Request for Application

Laboratory and Field Evaluations of Advanced Technologies for Diagnostics in Low-Resource Settings

Q. Please clarify the potential timing for field evaluations. How does the application plan and budget for potential field evaluations? For example, should the application be written assuming that funding for the two year period will be divided into year 1 laboratory evaluations and year 2 field evaluations? The decision of if and when field evaluations would actually occur would be determined later.

A. Ideally, the field evaluation would take place in year 2 of the project. However, there may be exceptions to this if a grantee has made significant progress toward a field-ready prototype and requires more time to optimize their device prior to the field evaluation. Decisions will be made on a project-by-project basis.

Q. The application budget depends strongly on how many diagnostic tests will be run during the laboratory and field evaluations. Does the GHDx Center have an estimate of how many devices will normally be used during the evaluations?

A. The number of diagnostic tests run during laboratory and field evaluation phases depends on many factors including the disease target, the type of results generated by the test (dichotomous versus a numeric or semiquantitative output), and the estimated performance of the device, which will determine sample size for field evaluations. That said, we expect that the laboratory evaluation would require more than 100 prototype devices, and the field evaluation to require at least 500 prototype devices. Actual numbers of devices will vary according to the factors mentioned above.