

RAZOR™ EX Quality Control Test

Introduction

Every RAZOR EX has a Quality Control test performed before the instrument leaves the factory. This test will be present on the RAZOR EX when it is received. It is a PCR test used to verify the integrity of the RAZOR EX. The test uses a dilution series to evaluate the overall functionality of the machine, including thermocycling, software, and fluorescence acquisition. The purpose of this document is to help the user understand the results of this test.

Quality Control Test Description

In the QC run, a 4 x 3 pouch is loaded with three concentrations of template. The samples are as follows:

1. Wells 1–3 have a 100X concentration of template.
2. Wells 4–6 have 10X template.
3. Wells 7–12 have 1X template.

For the QC assay to pass, all reaction wells in the pouch must be called positive on the RAZOR EX instrument as well as pass multiple other quality control criteria.



To view the RAZOR EX Quality Control Test:

1. Select Review Results from the Main Menu.
2. Select Protocol/Date/Pouch# option from the Sort Results Files menu.
3. Scroll through result files until you find a run labeled HYBQC* or TAQQC*.
4. Review the results and amplification curve data in either of the above runs.

Questions? Contact Idaho Technology BioDefense Technical Support
1-800-735-6544 option 5
help@idahotech.com

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