

## Quick Reference Card

# Guava® Muse® System Check Kit MCH100101

To verify the performance of the Guava® Muse® System

For Research Use Only. Not for use in diagnostic procedures.

### Storage Conditions

Store the Muse® System Check Kit at 2 to 8°C, protected from light.

### Kit Components

- Muse® System Check Beads (Part No. 4200-0638)
- Muse® System Check Diluent (Part No. 4200-0640)

### Materials Recommended

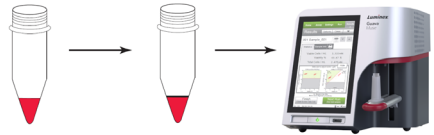
- Muse® Cell Analyzer
- Micropipettors
- Disposable micropipettor tips
- Microcentrifuge tubes with screw caps, 1.5 mL (VWR Catalog No. 16466-030, or equivalent)
- Vortex mixer
- Disposable gloves
- 20% bleach solution
- Deionized water

### Assay Protocol

Add 380 µL of System Check Diluent to a tube.

Add 20 µL of System Check Bead Reagent.

Mix thoroughly and run on Muse® Cell Analyzer.

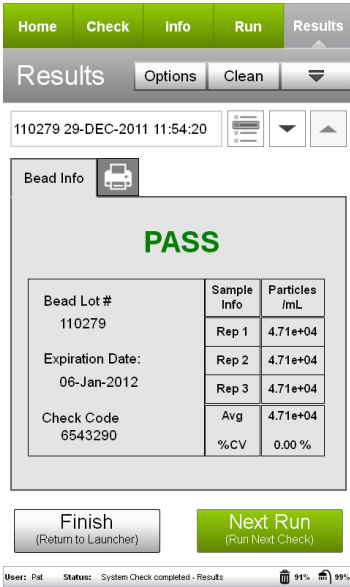


**NOTE:** Three replicates are acquired and the results are averaged.

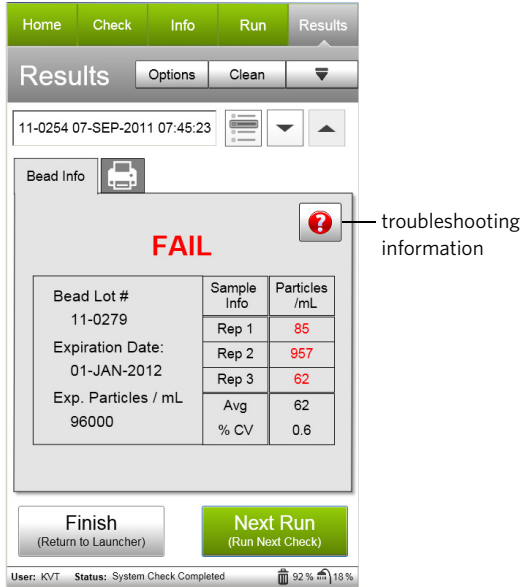
### Results

The result appears as PASS or FAIL. The result is based on the mean fluorescence intensity (MFI) values, as well as the bead count for each replicate. The bead count (Particles/mL) for each replicate and the average are displayed, as well as the %CV. The MFIs are not displayed on the Results screen but can be found in the service log. For information on accessing the service log, refer to the *Guava® Muse® Cell Analyzer User's Guide*.

A



B



**Figures A and B.** Example Data: System Check bead data obtained with the Muse® System Check software module and acquired on the Muse Cell Analyzer. Figure A shows passing results, while Figure B shows results that failed. Results include the bead count for each replicate, average bead count, and %CV. Bead counts (Particles/mL) that fall outside  $\pm 10\%$  of the expected value appear in red.

For more information, refer to the kit user's guide, which can be found at [www.luminexcorp.com/flowkits](http://www.luminexcorp.com/flowkits).

## Related Products

For Research Use Only. Not for use in diagnostic procedures.

- Muse® Count & Viability Kit (40 mL) - MCH100102
- Muse® Count & Viability Kit (240 mL) - MCH600103
- Muse® Count & Viability Kit (200X) - MCH100104
- Muse® Annexin V & Dead Cell Kit - MCH100105
- Muse® Cell Cycle Kit - MCH100106
- Muse® Cell Dispersal Reagent - MCH100107