

Juno System Testing

Purpose

This document shows you how to run the system test on Juno™ from the instrument touchscreen.

Materials and Equipment

- USB drive (for data exported during the system test)
- Juno interface plate and recently used Juno genotyping (GT) integrated fluidic circuit (IFC) with its barcode masked:

Table 1. Interface plates, compatible IFCs, and system test barcodes for Juno

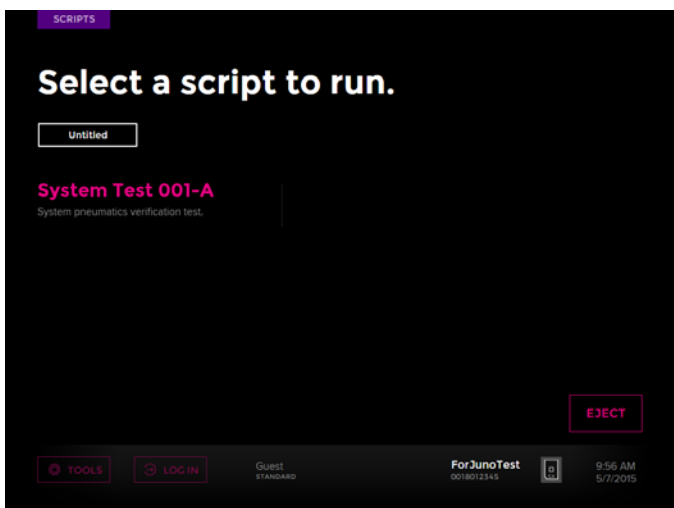
Interface Plate (label color)	Compatible IFC	System Test Barcode
HX (green)	96.96 GT	00138 12345
MX or AX (black)	48.48 GT	00151 12345
RX (red)	192.24 GT	00166 12345
SX (silver)	Juno 96.96 GT	00180 12345

Run the System Test 001-A Script

Run the System Test 001-A script from the touchscreen. During the run, the instrument exports the data to the JunoSystem_Data folder on the USB drive.

- 1** Connect the USB drive to any USB port on the instrument.
- 2** Load the IFC compatible with the interface plate currently installed in the instrument (see Table 1). Be sure that the IFC barcode is masked. [For instructions on loading the assembly, see the Juno System User Guide (PN 100-7070).]
- 3** When the barcode screen displays, enter the correct 10-digit system test barcode (see Table 1). Do not leave spaces between the digits.

4 Tap **LOAD**. The Scripts screen displays:



5 Tap **System Test 001-A**, and then tap **RUN**. The script runs ~10 minutes. The instrument displays a Finished screen when the script is complete.

IMPORTANT You must run the script to completion. Aborting it before completion will result in an error the next time the instrument is run. If you abort the script, restart the instrument. (For instrument shutdown instructions, see the Juno System User Guide.)

6 After the script is complete, tap **EJECT**. If necessary, log off the instrument.

7 Copy the JunoSystem_Data folder (containing .txt files with the “IFTTest” prefix) from the USB drive, then email the folder to Fluidigm technical support.

Revision History

Revision	Date	Description of change
A1	08 July 2015	New protocol to run System Test 001-A on Juno.

For technical support visit fluidigm.com/support

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