

**Subject:** Release of New DNF-361 Small RNA Ladder for the DNF-470 Small RNA Analysis Kit

**Effective Date:** November 7, 2016

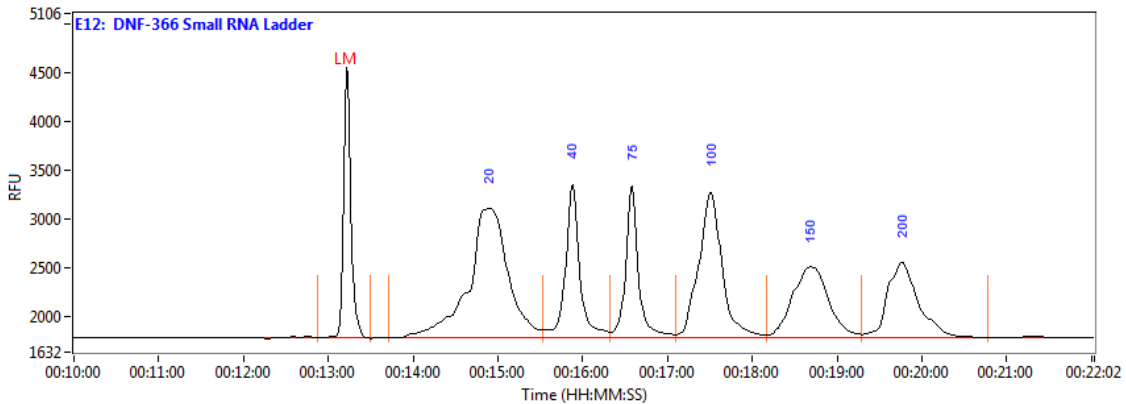
**Products Affected:**

1. DNF-470-0275 Small RNA Analysis Kit, 275 Samples
  - a. DNF-361-U060 Small RNA Ladder, 60  $\mu$ L (**Added**)
  - b. DNF-366-U060 Small RNA Ladder, 60  $\mu$ L (**Removed/Discontinued**)

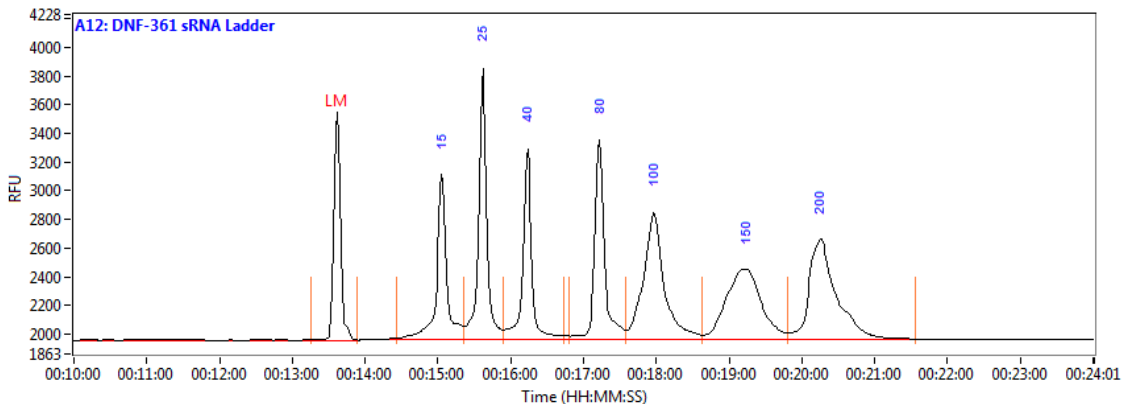
A. New Formulation of Small RNA Ladder

1. An improved formulation of Small RNA Ladder (#DNF-361) has been released for use in the DNF-470 Small RNA Analysis Kit. This new ladder formation now contains seven total fragments and spans a slightly wider size range from 15 nt – 200 nt. New fragments at 15 nt, 25 nt, 40 nt and 80 nt possess a sharper peak profile than the previous formulation, for improved sizing accuracy and precision.

**Previous DNF-366 Small RNA Ladder:**



**New DNF-361 Small RNA Ladder:**



2. This change requires updates to the following **Fragment Analyzer** method files, located on the instrument computer:
  - a. **DNF-470-22 – Small RNA.mthds** (Location: *C:\AATI\Methods\22cm*)
  - b. **DNF-470-33 - Small RNA.mthds** (Location: *C:\AATI\Methods\33cm*)
  
3. This change requires updates to the following **PROSize® 2.0 Data Analysis Software** configuration files, located on the instrument computer and any remote computer containing the **PROSize**:
  - a. **DNF-470-22 – Small RNA.ini** (Location: *C:\PROSize 2.0\Configurations\22cm*)
  - b. **DNF-470-33 – Small RNA.ini** (Location: *C:\PROSize 2.0\Configurations\33cm*)
  - c. **DNF-470 – Small RNA Ladder.txt** (Location: *C:\PROSize 2.0\Ladders*)

Updated method and configuration files are available from AATI Technical Support upon request.

All respective packaging and documentation going forward will be updated to reflect this change by November 7, 2016.

Please contact AATI Technical Support with any questions or to obtain updated method and configuration files; 515-964-8500 or [support@aati-us.com](mailto:support@aati-us.com).

Thank you,

AATI Customer Service Team