

Subject: Addition of FA-MRK900F 1bp & 500bp Markers, 10% Formamide to DNF-905 and ZAG-105 Kits

Effective Date: June 29, 2016

Products Affected:

1. DNF-905 dsDNA 905 Reagent Kit, 1 bp – 500 bp
 - a. FA-MRK900F-0003 1 bp and 500 bp Markers, 10% Formamide, 3.2 mL **(Added)**
 - b. FA-MRK900-0003 1 bp and 500 bp Markers, 3.2 mL **(Removed/Replaced)**

2. ZAG-105 ZAG 105 dsDNA Kit, 1 bp - 500 bp
 - a. FA-MRK900F-0003 1 bp and 500 bp Markers, 10% Formamide, 3.2 mL **(Added)**
 - b. FA-MRK900-0003 1 bp and 500 bp Markers, 3.2 mL **(Removed/Replaced)**

A. Kit Components

1. Replaced 1 bp and 500 bp Markers (#FA-MRK900) with 1 bp and 500 bp Markers, 10% Formamide (#FA-MRK900F) in the DNF-905 and ZAG-105 kit assemblies. The new marker solution now contains 10% formamide, and is still provided at the same marker concentrations and in a 1X TE buffer concentration solution.

2. It had been observed that on occasion the 1 bp lower marker of the FA-MRK900 solution would produce peak splitting, complicating marker assignment.

3. All testing has indicated that these changes do not affect the performance of the DNF-905 or ZAG-105 kits, while eliminating occasional peak splitting of the lower marker.

4. The Safety Data Sheet (SDS) has been updated for the FA-MRK900F reflecting the presence of 10% formamide. This marker solution should be handled and disposed of in accordance with the SDS and/or local laws.

All respective User Manuals and Quick Start Guides will be updated to reflect this change by June 30, 2016.

Please contact AATI Technical Support with any questions; 515-964-8500 or support@aati-us.com.

Thank you,

AATI Customer Service Team