

INSTRUCTIONS FOR USE

Product Name: ssDNA Assay Kit

Catalog # SSD01-K298

- Step 1.** Equilibrate the components of the kit to room temp prior to use.
- Step 2.** Prepare the necessary amount of 0.5mL tubes. Avoid labeling the side wall of the tube as it will affect the fluorescence signal collection.
- Step 3.** Create the Working Solution by diluting the ssDNA reagent to 1X with the ssDNA Buffer. Use within 3hrs.
 E.x. Add 1 μ L ssDNA Reagent to 199 μ L of ssDNA Buffer
- Step 4.** Prepare the samples by adding 190 μ L of 1X Working Solution to the 0.5mL tube.
- Step 5.** Add 10 μ L ssDNA Standard 1 and ssDNA Standard 2 to the corresponding standard PCR tube.
- Step 6.** Gently vortex for 2-3 sec without creating bubbles.
- Step 7.** Incubate the tube at room temp in the dark for 2 min.
- Step 8.** On the fluorometer, select ssDNA High Sensitivity and measure the fluorescence signal value.

