


96-well plates with probe-based assays

PrimeTime qPCR Assay Plates are shipped dried down.

1. Centrifuge PrimeTime Assay Plates at 750 x g for 10 sec using a centrifuge with an appropriate plate adapter to ensure the product is at the bottom of the plate.
2. Add IDTE Buffer (catalog # 11-05-01-13; 10 mM Tris, 0.1 mM EDTA, pH 8.0) to each well, pipetting the solution up and down the sides of each well to ensure maximum product recovery. Considering the size of your assay and desired final reaction volume, use the recommended volume indicated in the following table:

	Final desired stock concentration		
	80X	20X	10X
PrimeTime Mini qPCR Assay Plate (100 rxn)	Not recommended	100 µL	200 µL
PrimeTime Std qPCR Assay Plate (500 rxn)	125 µL	500 µL	1000 µL
PrimeTime XL qPCR Assay Plate (2500 rxn)	625 µL	Not recommended	Not recommended

 **Note:** Number of reactions is based on a 20 µL reaction volume. The resuspended assays will yield a final 1X concentration of 500 nM primers and 250 nM probe for assays ordered under default conditions. Std or XL assays ordered with a custom primer:probe ratio will yield a different concentration of primers.

3. Centrifuge the plate at 750 x g for 10 sec to collect assays at the bottom of the wells.
4. Seal plate with a new adhesive plate cover, and store resuspended assays in the dark at -20°C.

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