

PrimeTime® Assay Resuspension Protocol

1. Centrifuge PrimeTime assay tubes at 750g for 10 seconds. Some of the product may have been dislodged during shipment.
2. Resuspend assay in IDTE buffer (10mM Tris, 0.1mM EDTA, pH 8.0) to the recommended volume indicated in the chart below.
 - a. PrimeTime assays can be resuspended as 40X, 20X or 10X stocks. Different concentrations may be preferable depending on the size of the assay and desired final reaction volume.
 - b. During resuspension, pipette the solution up and down the sides of the tube to ensure maximum product recovery.
3. Centrifuge the resuspended assay at 750g for 10 seconds. The resuspended assays will yield a final 1X concentration of 500nM primers and 250nM probe for assays ordered under default conditions.*

	Final Desired Stock Concentration		
	40X	20X	10X
PrimeTime Mini qPCR Assay	<i>Not recommended</i>	100 µL	200 µL
PrimeTime Std qPCR Assay	250 µL	500 µL	1,000 µL
PrimeTime XL qPCR Assay	1,250 µL	<i>Not recommended</i>	<i>Not recommended</i>

Storage

IDT PrimeTime® assays are shipped lyophilized and can be stored up to two weeks at room temperature shielded from light. Resuspended oligos need to be immediately stored in the dark at -20°C.

*Standard or XL assays ordered with a custom primer:probe ratio will yield a different concentration of primers.



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