

	1) +RT primer, +enzyme		2) +RT primer, -enzyme		3) -RT primer, +enzyme	
RNase H <sup>-</sup> or RNase H <sup>+</sup> RT enzyme	<b>A: Standard Condition.</b> Denature RNA+primer at 70°C, add RT reagents and preincubate at 44°C for 3', add enzyme, incubate at 44°C for either 30 or 50 min	<b>B: Modified Condition.</b> Assemble reactions on ice, incubate at 50°C for 30 min	<b>A: Standard Condition.</b> Denature RNA+primer at 70°C, add RT reagents except the enzyme, incubate at 44°C for either 30 or 50 min	<b>B: Modified Condition.</b> Assemble reactions on ice by adding all reagents, RNA, and primers except the enzyme, incubate at 50°C for 30 min	<b>A: Standard Condition.</b> Denature RNA at 70°C, add RT reagents and except the primer, preincubate at 44°C for 3', add enzyme, incubate at 44°C for either 30 or 50 min	<b>B: Modified Condition.</b> Assemble reactions on ice by adding all reagents, RNA, and enzyme except the, primers, incubate at 50°C for 30 min