

# Alt-R™ CRISPR reagent stability

		Storage temperature			
		−80°C	−20°C	4°C	23°C
Alt-R CRISPR nucleases	<ul style="list-style-type: none"><li>Cas9 V3</li><li>Cas12a V3</li><li>HiFi Cas9</li><li>Glycerol-free Cas9 V3</li></ul>	Stable up to 2 years in stock storage buffer	Stable up to 2 years in stock storage buffer	Stable up to 2 months in stock storage buffer	Stable up to 3 days in stock storage buffer
	<ul style="list-style-type: none"><li>Cas12a <i>Ultra</i></li><li>Cas9 D10A Nickase</li></ul>	Stable up to 1 year in stock storage buffer	Stable up to 1 year in stock storage buffer		
Alt-R CRISPR ribonucleoprotein complexes	<ul style="list-style-type: none"><li>Cas12a V3 complexed with Alt-R CRISPR-Cas12a crRNA</li></ul>	Stable up to 2 years	Stable up to 2 years	Stable up to 2 months	Stable up to 3 days
	<ul style="list-style-type: none"><li>Cas9 V3 complexed with 2-part guide RNA, made of Alt-R CRISPR-Cas9 crRNA plus Alt-R CRISPR-Cas9 tracrRNA</li></ul>	Stable up to 1 year	Stable up to 1 year		
	<ul style="list-style-type: none"><li>Cas12a <i>Ultra</i> complexed with Alt-R CRISPR-Cas12a crRNA</li></ul>				
Alt-R CRISPR guide RNAs	<ul style="list-style-type: none"><li>CRISPR-Cas9 sgRNA</li></ul>	Stable up to 18 months: <ul style="list-style-type: none"><li>lyophilized, or</li><li>hydrated in Nuclease-Free Water, or IDTE pH 7.5</li></ul>	Stable up to 18 months: <ul style="list-style-type: none"><li>lyophilized, or</li><li>hydrated in Nuclease-Free Water, or IDTE pH 7.5</li></ul>	<ul style="list-style-type: none"><li>Stable up to 18 months hydrated in Nuclease-Free Water, or IDTE pH 7.5</li><li>Lyophilized: long-term storage not recommended</li></ul>	<ul style="list-style-type: none"><li>Stable up to 18 months hydrated in Nuclease-Free Water, or IDTE pH 7.5</li><li>Lyophilized: long-term storage not recommended</li></ul>
	<ul style="list-style-type: none"><li>CRISPR-Cas9 crRNA</li><li>CRISPR-Cas9 crRNA XT</li></ul>	Stable up to 1 year: <ul style="list-style-type: none"><li>lyophilized, or</li><li>hydrated in Nuclease-Free Water, or IDTE pH 7.5</li></ul>	Stable up to 1 year: <ul style="list-style-type: none"><li>lyophilized, or</li><li>hydrated in Nuclease-Free Water, or IDTE pH 7.5</li></ul>	<ul style="list-style-type: none"><li>Stable up to 1 year hydrated in Nuclease-Free Water, or IDTE pH 7.5</li><li>Lyophilized: long-term storage not recommended</li></ul>	<ul style="list-style-type: none"><li>Stable up to 1 year hydrated in Nuclease-Free Water, or IDTE pH 7.5</li><li>Lyophilized: long-term storage not recommended</li></ul>
	CRISPR-Cas9 tracrRNA		Stable up to 2 years: <ul style="list-style-type: none"><li>lyophilized, or</li><li>hydrated in Nuclease-Free Water, or IDTE pH 7.5</li></ul>	Stable up to 2 years: <ul style="list-style-type: none"><li>lyophilized, or</li><li>hydrated in Nuclease-Free Water, or IDTE pH 7.5</li></ul>	<ul style="list-style-type: none"><li>Stable up to 1 year hydrated in Nuclease-Free Water, or IDTE pH 7.5 (not tested beyond 1 year)</li><li>Stable up to 2 years lyophilized</li></ul>
	Labeled tracrRNA, ATTO™ 550		Stable up to 2 years: <ul style="list-style-type: none"><li>lyophilized, or</li><li>hydrated in Nuclease-Free Water, or IDTE pH 7.5</li></ul>	<ul style="list-style-type: none"><li>Stable up to 6 months hydrated in Nuclease-Free Water, or IDTE pH 7.5</li><li>Stable lyophilized up to 18 months</li></ul>	<ul style="list-style-type: none"><li>Stable up to 6 months hydrated in Nuclease-Free Water, or IDTE pH 7.5</li><li>Stable lyophilized up to 18 months</li></ul>
	gRNA 2-part complex, made of CRISPR-Cas9 crRNA plus CRISPR-Cas9 tracrRNA		Stable up to 2 years in IDTE pH 7.5	Stable up to 6 months in IDTE pH 7.5	
Alt-R CRISPR enhancing reagents	HDR Enhancer V2	Stable up to 1 year stored at stock concentration	Stable up to 1 year stored at stock concentration	Stable up to 1 year stored at stock concentration	Stable up to 1 year stored at stock concentration

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Stability data provided in the table is for unopened shelf-life.

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