

# 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> </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

For Research Use Only. Not for diagnostic procedures. Unless otherwise agreed to in writing, IDT does not intend these products to be used in clinical applications and does not warrant their fitness or suitability for any clinical diagnostic use. Purchaser is solely responsible for all decisions regarding the use of these products and any associated regulatory or legal obligations.

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

© 2022 Integrated DNA Technologies, Inc. All rights reserved. For specific trademark and licensing information, see [www.idtdna.com/trademarks](http://www.idtdna.com/trademarks). Doc ID: RUO22-1245\_001 10/22