

GENERAL DESCRIPTION

J.T.Baker® Endonuclease is designed for the degradation of both single stranded and double stranded DNA and RNA and is available in a variety of sizes and grades to support processes from development to large scale commercial batches. J.T.Baker® Endonuclease Ultrapure Bioreagent and J.T.Baker® Endonuclease Biotech Reagent are the same formulation and do not contain products of animal origin. Chemical definitions and grades may be found at [Resource library | Avantor \(avantorsciences.com\)](https://www.avantorsciences.com). Recommended product storage temperature is at or below -20°C, however, J.T.Baker® Endonuclease is stable up to 25°C for interim storage locations. Refer to JTB.00005 JTB Endonuclease Ambient Storage Stability Lab Report. J.T. Baker® Workflow Solutions offer consistent performance, high quality, local availability due to our global presence and rigorous Quality systems. Visit [Biopharma solutions | Avantor \(avantorsciences.com\)](https://www.avantorsciences.com) for information on Avantor™ J.T. Baker® Workflow Solutions.

PRODUCT INFORMATION

Product number	Description	~volume	Unit of Measure
JT7108-10/BAKR7108-10	J.T.Baker® Endonuclease Ultrapure Bioreagent	400 µL	100 KU
JT7108-40/BAKR7108-40	J.T.Baker® Endonuclease Ultrapure Bioreagent	5 mL	1,250 KU
JT7108-50/BAKR7108-50	J.T.Baker® Endonuclease Ultrapure Bioreagent	20 mL	5,000 KU
JTGT20-10/BAKRGT20-10	J.T.Baker® Endonuclease Biotech Reagent	400 µL	100 KU
JTGT20-25/BAKRGT20-25	J.T.Baker® Endonuclease Biotech Reagent	2 mL	500 KU
JTGT20-40/BAKRGT20-40	J.T.Baker® Endonuclease Biotech Reagent	5 mL	1,250 KU
JTGT20-50/BAKRGT20-50	J.T.Baker® Endonuclease Biotech Reagent	20 mL	5,000 KU
JTGT20-62/BAKRGT20-62	J.T.Baker® Endonuclease Biotech Reagent	50 mL	12,500 KU
JTGT20-80/BAKRGT20-80	J.T.Baker® Endonuclease Biotech Reagent	100 mL	25,000 KU

PACKAGE INFORMATION

J.T.Baker® Endonuclease Ultrapure Bioreagent is offered in three units of measure; 100 KU, 1,250 KU, and 5,000 KU. J.T.Baker® Endonuclease Biotech Reagent is manufactured under cGMP, for use in processes requiring greater regulatory control and is available in units of measure from 100 KU to 25,000 KU.

Product numbers JT7108-10, JTGT20-10, and JTGT20-25 are packaged in 2 mL Eppendorf®^{®1} Biopur®^{®2} Safe-Lock Tubes measuring 0.41 in. (10.4 mm) diameter and 1.57 in. (39.9 mm) height. Product is packaged in secondary packaging measuring 2.31 in. x 3.69 in. x 0.81 in.

Product numbers JT7108-40 and JTGT20-40, 1,250 KU each, are packaged in sterile 10 ml VWR Polyethylene terephthalate glycol (PETG) diagnostic vials measuring 17.5 mm x 62 mm. Both are packaged in secondary Mylar®^{®3} polyester film packaging measuring 10 in. x 7 in. x 3 in.

Product numbers JT7108-50 and JTGT20-50, 5,000 KU each, are packaged in sterile 30 mL Nalgene™^{TM4} Polyethylene terephthalate glycol (PETG) containers measuring 1.5 in. x 1.5 in. x 2.6 in. Material is packaged in secondary Mylar® packaging measuring 10 in. x 7 in. x 3 in.

Product numbers JTGT20-62 and JTGT20-80 are packaged in sterile 125 mL Nalgene™ Polyethylene terephthalate glycol (PETG) containers measuring 2.1 in. x 2.1 in. x 4.3 in. Material is packaged in secondary Mylar® packaging measuring 10 in. x 7 in. x 3 in.

J.T.BAKER® ENDONUCLEASE ULTRAPURE BIOREAGENT PACKAGING SUMMARY

Product number	Primary packaging	Secondary packaging	Shipper	
JT7108-10	 2 mL Eppendorf® Biopur® Safe-Lock Tubes 0.41 in. x 1.57 in. (10.4 mm x 39.9 mm)	 2.31 in. x 3.69 in. x 0.81 in. 58.7 mm x 93.7 mm x 20.6 mm	 Products are packaged in insulated shipper (VWR Low Temp Sonoco ThermoSafe®⁵) at (-30°C to +30°C) OD: 11.6" x 9.6" x 15.4" 29.5 cm x 24.4 cm x 39.1 cm	
JT7108-40	 10 mL PETG vial 17.5 mm x 62 mm	Mylar® packaging 10 in. x 7 in. x 3 in. 254.0 mm x 177.8 mm x 76.2 mm		
JT7108-50	 30 mL Nalgene™ PETG container 1.5 in. x 1.5 in. x 2.6 in. 38.1 mm x 38.1 mm x 66.0 mm			

J.T.BAKER® ENDONUCLEASE BIOTECH REAGENT PACKAGING SUMMARY

Product number	Primary packaging	Secondary packaging	Shipper
JTGT20-10			
JTGT20-25	2 mL Eppendorf® Biopur® Safe-Lock Tubes 0.41 in. x 1.57 in. (10.4 mm x 39.9 mm)	2.31 in. x 3.69 in. x 0.81 in. 58.7 mm x 93.7 mm x 20.6 mm	
JTGT20-40	 10 mL PETG vial 17.5 mm x 62 mm	Mylar® packaging 10 in. x 7 in. x 3 in. 254.0 mm x 177.8 mm x 76.2 mm	Products are packaged in insulated shipper (VWR Low Temp Sonoco ThermoSafe® ⁵) at (-30°C to +30°C) OD: 11.6" x 9.6" x 15.4" 29.5 cm x 24.4 cm x 39.1 cm
JTGT20-50	 30 mL Nalgene™ PETG container 1.5 in. x 1.5 in. x 2.6 in. 38.1 mm x 38.1 mm x 66.0 mm		 Product is shipped via Temperature Control – Cold Chain Logistics – Domestic and Internationally to Distribution Centers Credo Cube™ ⁶ Series 20 M rated for -15°C to -25°C OD: 15.00" x 13.50" x 13.75" OD: ~38.1 cm x 34.3 cm x 34.9 cm
JTGT20-62			
JTGT20-80	125 mL Nalgene™ PETG container 2.1 in. x 2.1 in. x 4.3 in. 53.3 mm x 53.3 mm x 109.2 cm		

1. Eppendorf® is a registered trademark of Eppendorf AG, Germany
 2. Biopur® is a registered trademark of Eppendorf AG, Germany
 3. Mylar® is a registered trademark of Mylar Specialty Films
 4. Nalgene™ is a registered trademark of Nalge Nunc International, a subsidiary of Thermo Fisher Scientific™
 5. Sonoco ThermoSafe® is a registered trademark of Sonoco Products Company
 6. Credo Cube™ is a registered trademark of Peli Bio Thermal, Ltd., its parents, affiliates, or subsidiaries.
- All other trademarks are the property of their respective owners.

J.T.BAKER® ENDONUCLEASE BIOTECH REAGENT BIOTHERMAL RECYCLING PROGRAM

Product numbers JT7108-50, JTGT20-62 and JTGT20-80 are shipped using Credo Cube™ Series 20 M rated parcel shippers that meet ISTA 3A transit criteria to deliver long-lasting temperature control. As part of our dedication to sustainability, we offer a recycling program for the Credo Cube packaging in partnership with Pelican BioThermal. After receiving J.T.Baker® Endonuclease Biotech Reagent, decontaminate the Credo system components using isopropyl alcohol (or equivalent) or your standard decontamination protocols. Do not autoclave, use any organic solvents, expose to extreme heat (>75°C), or use any abrasive cleaners. After decontamination, issue a statement of decontamination indicating the shipper is free of any bio-hazard substances to DG-PLYORDER@pelican.com. A Return Authorization will be provided to include with your shipment.

Avantor Inc. is dedicated to sustainability across our entire supply chain. To support this commitment, we've introduced the **Endonuclease Package Recycling Program**. This initiative provides a convenient way for you to return the outer box and help build a greener future.



HERE'S HOW YOU PARTICIPATE!

