



PDS No.9785xx/ 9785xx-2D1	PRODUCT DATA SHEET		Page 1 of 2
Revision 03	Rack with 96 Cryo.s™ Biobanking Tubes 1000 µl (Datamatrix Coded)		
	Greiner Item-No. 9785xx / 9785xx-2D1		
Valid for Item-No.:	978561 (sterile)	978570	978580
	978561-2D1 (sterile)	978570-2D1	978580-2D1

1.	Description / Specification	
1.1	Description	<p><u>Rack with 1000 µl Cryo.s™ Biobanking Tubes</u>, stackable, with a footprint that corresponds to the microplate standard of the American National Standards Institute (ANSI-Standard), capacity for 96 Cryo.s™ Biobanking Tubes 1000 µl, rack bottom with scanning windows for the Datamatrix, rotation stoppers, snap-in lid.</p> <p><u>Biobanking Tubes 1000 µl</u> with screw caps (caps have a silicone gasket and internal thread), unique 2D codes on bottom, without writing area and graduation</p> <p><u>Manual decapping tool</u> for manual decapping, capping and contamination-free storage of screw-cap, contained in each box</p> <ul style="list-style-type: none"> - 2D Code on tube (G8xxxxxxxx) - 2D Code and linear barcode 128 on rack (G9xxxxxxxx) <p>All pre-produced 2D codes on tubes and racks are featured with a symbol size of 14x14</p> <ul style="list-style-type: none"> - customised barcoding option (9785xx-2D1) available via order form (customised sequences, Cat.-No. F071003) <p>978561: rack with 96 capped 1000 µl Cryo.s™, sterile 978570: rack with 96 uncapped 1000 µl Cryo.s™, non-sterile 978580: rack with 96 capped 1000 µl Cryo.s™, non-sterile 978561-2D1: rack with 96 capped 1000 µl Cryo.s™, sterile, customised coding 978570-2D1: rack with 96 uncapped 1000 µl Cryo.s™, non-sterile, customised coding 978580-2D1: rack with 96 capped 1000 µl Cryo.s™, non-sterile, customised coding</p>
1.2	Dimensions	See customer drawing
1.3	Volume	<u>Tube / working volume</u> : 975 µl
1.4	Material / Resin	<p><u>Tube / cap</u>: PP (Polypropylene), medical grade and USP class VI certified</p> <p><u>Rack / lid</u>: PC (Polycarbonate),</p> <p><u>Gasket</u>: Silicone, medical grade</p> <p><u>Manual capping tool</u>: PS (Polystyrene)</p>
1.5	Colour	<p><u>Tube / cap</u>: natural</p> <p><u>Gasket (cap)</u>: blue</p> <p><u>Rack</u>: black</p> <p><u>Lid</u>: transparent</p> <p><u>Manual capping tool</u>: blue</p>
1.6	Sterilization	<p>978561, -561-2D1: SAL 10⁻⁶</p> <p>978570, -570-2D1, -580, -580-2D1: no</p>
1.7	Quality Control	<ul style="list-style-type: none"> - <u>Raw Material-Control (tubes)</u>: physical testing - <u>Product-Control</u>: testing of attributive and variable characteristics in accordance with the valid specification
1.8	Other Information	<p>Cryo.s™ with datamatrix and accessory storage racks are optimised for automated laboratory equipment such as decappers, liquid handling systems and automated storage systems. Greiner Bio-One recommends closing 96 way Cryo.s™ with the automated decapper from Hamilton Bonaduz AG or an equivalent device at 7 Ncm. For manual contamination-free application and removal of screw caps and for manual picking of individual tubes from rack, a manual tool is available.</p> <p>A list of compatible automated equipment may be requested from GBO.</p> <p>For single use only</p>

Data Sheet subject to change without notice!

Prior Issue	Drawn	Approved	Released	CONFIDENTIAL: Information contained in this document or drawing is confidential and proprietary to Greiner Bio-One GmbH. This document may not be reproduced for any reason without written permission from Greiner Bio-One GmbH. All rights of design, invention, and copyright are reserved.
Revision 02	Date 4 May 2015	Date 4 May 2015	Date 4 May 2015	
Date 18.11.2014	Name S. Kaelberer	Name Dr. S. Mühlfriedel	Name A. Schulz	

DISCLAIMER: The description of a certain product can only be considered as a guidance, because its performance ultimately depends on what the product is used for. Very often performance studies are indispensable.

PDS No.9785xx/ 9785xx-2D1	PRODUCT DATA SHEET			Page 2 of 2
Revision 03	Rack with 96 Cryo.s™ Biobanking Tubes 1000 µl (Datamatrix Coded)			
	Greiner Item-No. 9785xx / 9785xx-2D1			
Valid for Item-No.:	978561 (sterile)	978570	978580	
	978561-2D1 (sterile)	978570-2D1	978580-2D1	

2.	Features	
2.1	Basic features	<u> Tubes </u> : free of detectable DNase/RNase, human DNA and pyrogens. Contents non-cytotoxic
2.2	Temperature range	-196°C to 121°C
2.3	Autoclavability	N/A
2.4	Centrifugation, max. RCF	N/A
2.5	Chemical Resistance	<u> Tube / material </u> : See homepage: https://www.gbo.com/en_INT/know-how-services/download-center.html <u> Tube / datamatrix </u> : resistant to → acetic acid (1 %), hydrochloric acid (25 %), sulphuric acid (4.9%), ethanol, methanol, isopropanol, DMSO <u> Rack / lid </u> : resistant to → acetic acid (1 %), methanol, ethanol (96%), isopropanol, sulphuric acid (4.9%), DMSO
2.6	Shelf life	<i>978561, -561-2D1</i> : 5 years after month of production <i>978570, -570-2D1, -580, -580-2D1</i> : n/a
2.7	Other Information	Recommended for storage in the freezer or above liquid nitrogen. Must not be used in liquid phase of nitrogen!

3.	Packaging	
3.1	Pieces / Rack	96
3.2	Pieces / Box	960 tubes, 10 racks, 1 manual capping tool
3.3	Lot-No.	E YY MM XXX (manufacturing facility, year, month, consecutive SAP-No.)
3.4	Other Information	Certificate of Quality

4.	Other Information
4.1	Research use only. Not for diagnostics.

Data Sheet subject to change without notice!

Prior Issue	Drawn	Approved	Released	CONFIDENTIAL: Information contained in this document or drawing is confidential and proprietary to Greiner Bio-One GmbH. This document may not be reproduced for any reason without written permission from Greiner Bio-One GmbH. All rights of design, invention, and copyright are reserved.
Revision 02	Date 4 May 2015	Date 4 May 2015	Date 4 May 2015	
Date 18.11.2014	Name S. Kaelberer	Name Dr. S. Mühlfriedel	Name A. Schulz	

DISCLAIMER: The description of a certain product can only be considered as a guidance, because its performance ultimately depends on what the product is used for. Very often performance studies are indispensable.