



PDS No.9775xx/ 9775xx-2D1	<b>PRODUCT DATA SHEET</b>		Page 1 of 2
Revision 03	<b>Rack with 96 Cryo.s™ Biobanking Tubes 600 µl (Datamatrix Coded)</b>		
	Greiner Item-No. 9775xx / 9775xx-2D1		
Valid for Item-No.:	<b>977561 (sterile)</b>	<b>977570</b>	<b>977580</b>
	<b>977561-2D1 (sterile)</b>	<b>977570-2D1</b>	<b>977580-2D1</b>

1.	Description / Specification	
1.1	Description	<p><u>Rack with 600 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 600 µl, rack bottom with scanning windows for the Datamatrix, rotation stoppers, snap-in lid.</p> <p><u>Biobanking Tubes 600 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"> <li>- 2D Code on tube (G8xxxxxxxx)</li> <li>- 2D Code and linear barcode 128 on rack (G9xxxxxxxx)</li> </ul> <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"> <li>- customised barcoding option (9775xx-2D1) available via order form (customised sequences, Cat.-No. F071003)</li> </ul> <p>977561: rack with 96 capped 600 µl Cryo.s™, sterile            977570: rack with 96 uncapped 600 µl Cryo.s™, non-sterile            977580: rack with 96 capped 600 µl Cryo.s™, non-sterile            977561-2D1: rack with 96 capped 600 µl Cryo.s™, sterile, customised coding            977570-2D1: rack with 96 uncapped 600 µl Cryo.s™, non-sterile, customised coding            977580-2D1: rack with 96 capped 600 µl Cryo.s™, non-sterile, customised coding</p>
1.2	Dimensions	See customer drawing
1.3	Volume	<u>Tube / working volume</u> : 580 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>977561, -561-2D1: SAL 10<sup>-6</sup></p> <p>977570, -570-2D1, -580, -580-2D1: no</p>
1.7	Quality Control	<ul style="list-style-type: none"> <li>- <u>Raw Material-Control (tubes)</u>: physical testing</li> <li>- <u>Product-Control</u>: testing of attributive and variable characteristics in accordance with the valid specification</li> </ul>
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>

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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.

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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: <a href="https://www.gbo.com/en_INT/know-how-services/download-center.html">https://www.gbo.com/en_INT/know-how-services/download-center.html</a> <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	977561, -561-2D1: 5 years after month of production 977570, -570-2D1, -580, -580-2D1: 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.

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