



Cryo.s™ with Datamatrix Code

Datamatrix Coding for Cryogenic Storage Tubes

With the option for Datamatrix coding Greiner Bio-One adds a beneficial feature to its well-tried range of Cryo.s™. Datamatrices are burned with a laser into the polymer of the modified tube bottom, thus appearing as a white mark on black background. This labelling procedure guarantees a constantly high contrast and excellent readability of the Datamatrix. Only Datamatrices with readability grades A and B pass quality control¹. Furthermore, laser-written Datamatrices are strongly resistant to mechanical damage, abrasion, very low temperatures and other external hazards (e.g. aggressive chemicals). Virtually any kind of information such as sequential sample IDs or consistent characters can be encoded in the Datamatrix.

Datamatrix coding is available for:

- 1 ml Cryo.s™ with internal thread (Cat.-No. 123 2XX)
- 2 ml Cryo.s™ with internal thread (Cat.-No. 122 2XX)
- 2 ml Cryo.s™ with external thread (Cat.-No. 126 2XX)
- 4 ml Cryo.s™ with external thread (Cat.-No. 127 2XX)

Symbol size (rows x columns)	Data capacity (number of characters)	
	Numerical	Alphanumerical
10 x 10	6	3
12 x 12	10	6
14 x 14	16	10



Features
■ Laser-written ECC200 Datamatrix
■ Strong resistance to mechanical and chemical damage
■ High data capacity
■ Sequential sample IDs or consistent characters
■ Reed-Solomon error correction for high redundancy of encrypted information
■ Each Datamatrix is proof-scanned
■ Availability of four different tube sizes
■ Minimum order amount: 1 original carton

→ Ordering Information can be found on the back side of this document!

¹ Readability according to standards of the Association for Automatic Identification and Mobility

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Ordering Information

Cryo.s™ with Datamatrix may be ordered either off the shelf or on demand with predefined or customized number sequences, respectively!

The following catalogue numbers apply for all **orders off the shelf** with predefined unique Datamatrices²:

Cat.-No.	Description Cryo Tube	Description 2D Barcode	Packaging Unit
122 263-2DG	2 ml Cryo.s™ with internal thread, writing area, natural screw cap	14x14 Datamatrix, sequence: G200000001, G200000002 ...	500 per box
123 263-2DG	1 ml Cryo.s™ with internal thread, writing area, natural screw cap	14x14 Datamatrix, sequence: G300000001, G300000002 ...	500 per box
126 263-2DG	2 ml Cryo.s™ with external thread, writing area, natural screw cap	14x14 Datamatrix, sequence: G600000001, G600000002 ...	500 per box
127 263-2DG	4 ml Cryo.s™ with external thread, writing area, natural screw cap	14x14 Datamatrix, sequence: G700000001, G700000002 ...	300 per box

All **customized orders** are processed via an order form:

Cat.-No.	Description
F071 004	Order form for Cryo.s™ with Datamatrix

² Cryo tubes ordered off the shelf carry Datamatrix codes chosen from a sequence pre-defined by Greiner Bio-One. Each code is unique and will not be found on any other cryogenic tube from Greiner Bio-One.