


PDS No. 781866-MCP	PRODUCT DATA SHEET			Page 1 of 1
Revision 01	384 Well SCREENSTAR Microplate, MULTICOAT, Cycloolefin, with Lid			
	Greiner Item-No. 781866-MCP			
Valid for Item-No.:	781866-MCP			

1.	Description / Specification																											
1.1	Description	<p>SCREENSTAR Microplate, 384 well (16 x 24) 12 different coatings per plate, Cycloolefin Frame, Square Well Geometry, Cycloolefin Film Bottom, F-Bottom, Alphanumeric Well Coding, with Lid (ultra-low profile), Aseptic</p> <table border="1"> <thead> <tr> <th>Column</th> <th>Coating / Treatment</th> </tr> </thead> <tbody> <tr> <td>1 / 2</td> <td>Physical surface treatment (TC)</td> </tr> <tr> <td>3 / 4</td> <td>Poly-D-Lysine, high molecular weight, crosslinked (PDLh) coating</td> </tr> <tr> <td>5 / 6</td> <td>Poly-D-Lysine, standard molecular weight (PDLs) coating</td> </tr> <tr> <td>7 / 8</td> <td>Poly-L-Lysine, high molecular weight, crosslinked (PLL) coating</td> </tr> <tr> <td>9 / 10</td> <td>Poly-D-Lysine / Collagen Type I, rat (PDL-COL) coating</td> </tr> <tr> <td>11 / 12</td> <td>Collagen Type I, rat (COL I RAT) protein coating</td> </tr> <tr> <td>13 / 14</td> <td>Collagen Type I, human (COL I HUMAN) protein coating</td> </tr> <tr> <td>15 / 16</td> <td>Fibronectin, human (FN) protein coating</td> </tr> <tr> <td>17 / 18</td> <td>Collagen Type I, human / Fibronectin, human (COL-FN) coating</td> </tr> <tr> <td>19 / 20</td> <td>Poly-D-Lysine / Laminin (PDL-LAM) coating</td> </tr> <tr> <td>21 / 22</td> <td>Laminin, recombinant (LAM) protein coating</td> </tr> <tr> <td>23 / 24</td> <td>Basement Membrane Extract, mouse (BME) coating</td> </tr> </tbody> </table>	Column	Coating / Treatment	1 / 2	Physical surface treatment (TC)	3 / 4	Poly-D-Lysine, high molecular weight, crosslinked (PDLh) coating	5 / 6	Poly-D-Lysine, standard molecular weight (PDLs) coating	7 / 8	Poly-L-Lysine, high molecular weight, crosslinked (PLL) coating	9 / 10	Poly-D-Lysine / Collagen Type I, rat (PDL-COL) coating	11 / 12	Collagen Type I, rat (COL I RAT) protein coating	13 / 14	Collagen Type I, human (COL I HUMAN) protein coating	15 / 16	Fibronectin, human (FN) protein coating	17 / 18	Collagen Type I, human / Fibronectin, human (COL-FN) coating	19 / 20	Poly-D-Lysine / Laminin (PDL-LAM) coating	21 / 22	Laminin, recombinant (LAM) protein coating	23 / 24	Basement Membrane Extract, mouse (BME) coating
Column	Coating / Treatment																											
1 / 2	Physical surface treatment (TC)																											
3 / 4	Poly-D-Lysine, high molecular weight, crosslinked (PDLh) coating																											
5 / 6	Poly-D-Lysine, standard molecular weight (PDLs) coating																											
7 / 8	Poly-L-Lysine, high molecular weight, crosslinked (PLL) coating																											
9 / 10	Poly-D-Lysine / Collagen Type I, rat (PDL-COL) coating																											
11 / 12	Collagen Type I, rat (COL I RAT) protein coating																											
13 / 14	Collagen Type I, human (COL I HUMAN) protein coating																											
15 / 16	Fibronectin, human (FN) protein coating																											
17 / 18	Collagen Type I, human / Fibronectin, human (COL-FN) coating																											
19 / 20	Poly-D-Lysine / Laminin (PDL-LAM) coating																											
21 / 22	Laminin, recombinant (LAM) protein coating																											
23 / 24	Basement Membrane Extract, mouse (BME) coating																											
1.2	Dimensions	<p>Plate / Lid: see Customer Drawing Foil bottom: 190 µm (+/- 20 µm)</p>																										
1.3	Volume per well	<p>Total volume: 133 µl (mathematical calculated) Working volume: 15 – 110 µl Growth area: 8.1 mm²</p>																										
1.4	Material / Resin	<p>Plate / Foil bottom: CO (Cycloolefin), free of heavy metal Lid: PS (Polystyrene), free of heavy metal</p>																										
1.5	Colour	<p>Plate: black Lid: clear Foil bottom: clear</p>																										
1.6	Sterilization	Aseptic																										
1.7	Quality Control	<p>Raw Material-Control: physical testing Product-Control: testing of attributive and variable characteristics in accordance with the valid specification</p>																										
1.8	Intended Use	General laboratory product for cell culture to be used by qualified personnel in a laboratory environment.																										
1.9	Other Information	For single use only																										

2.	Features	
2.1	Basic features	-
2.2	Temperature range	Long term storage temperature: +2°C to + 8°C
2.3	Autoclavability	No
2.4	Centrifugation, max. RCF	N/A
2.5	Chemical Resistance	<p>See homepage: https://www.gbo.com/en_INT/know-how-services/download-center.html (Only concerning the standard plate without coating)</p>
2.6	Shelf life	6 months
2.7	Other Information	-

3.	Packaging	
3.1	Pieces / Bag	1
3.2	Pieces / Box	2
3.3	Lot-No.	E YY MM XXX (manufacturing facility, year, month, consecutive SAP-No.)
3.4	Other Information	Certificate of Quality on request
4.	Other Information	
		-

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 00	Date 13 March 2024	Date 14 March 2024	Date 14 March 2024	
Date 19.02.2024	Name S. Kaelberer	Name T. Binder	Name Dr. C.-K. Chai	

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.