

1. Product: Collagen Type I Coated Ware

SPLCoat™ offers a number of technologies optimized for enhanced cell attachment and growth of fastidious cells, (e.g., primary cells, neuronal cells, endothelial and tumor cells) which may not easily adhere to or differentiate into specialized cell types on traditional surfaces.

SPL Life Sciences provides a wide range of high-quality Collagen Type I coated products. All Collagen Type I coated products are produced with optically clear and high quality polymers for microscopy.



2. Experimental condition

- 1) Cell line: HT 1080(human fibrosarcoma)
- 2) Media: serum free DMEM
- 3) Culture condition: 37°C, 5% CO₂

3. Results



Control(non-coated)



SPL Collagen Type I coated ware

Figure 1. Microscopic observation of cultured cell

4. Conclusion

SPL Collagen Type I coated ware showed typical cell morphology through the enhanced cell-surface adhesion and exhibited more extensive and proliferative ability under the serum free condition when compared to non-coated control products.

5. Ordering Information

Cat.No.	Material	Type/ style	External Dimension (mm)	Internal/well Dimension (mm)	Growth Area (cm ²)	Working Volume (ml)	External Grip	Packaging
Flask								
75025	PS	Filter Cap	-	-	25.00	7.00	-	5 / 10
75125	PS	Plug Cap	-	-	25.00	7.00	-	5 / 10
75075	PS	Filter Cap	-	-	75.00	25.00	-	5 / 10
75175	PS	Plug Cap	-	-	75.00	25.00	-	5 / 10
Dish								
21035	PS	35.00 x 10.00	-	35.00 x 9.60	9.40	3.00	+	10 / 20
21060	PS	60.00 x 15.00	-	52.80 x 12.80	21.50	5.00	+	10 / 20
21100	PS	90.00 x 20.00	-	86.26 x 17.70	57.50	12.50	-	10 / 10
21150	PS	150.00 x 25.00	-	140.20 x 23.30	148.00	35.00	-	5 / 5
Plate								
39006	PS	6well	85.40 x 127.60 x 20.20	35.00 x 17.50	9.60	3.00	-	1 / 5
39012	PS	12well	85.40 x 127.60 x 20.20	21.90 x 17.50	3.80	2.00	-	1 / 5
39024	PS	24well	85.40 x 127.60 x 20.20	15.50 x 17.50	1.90	1.00	-	1 / 5
39048	PS	48well	85.40 x 127.60 x 20.20	9.75 x 17.50	0.75	0.50	-	1 / 5
39096	PS	96well	85.40 x 127.60 x 14.40	6.50 x 10.80	0.33	0.20	-	1 / 5
Slide								
30204	PS/Glass/PP	4well	-	-	2.13	0.50 - 1.30	-	6 / 12
30208	PS/Glass/PP	8well	-	-	0.98	0.20 - 0.60	-	6 / 12

www.spllifesciences.com

For technical assistance, contact SPL R&D Center at:

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To place an order, contact your local distributor or

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