

1. Product: Collagen Type IV Coated Ware

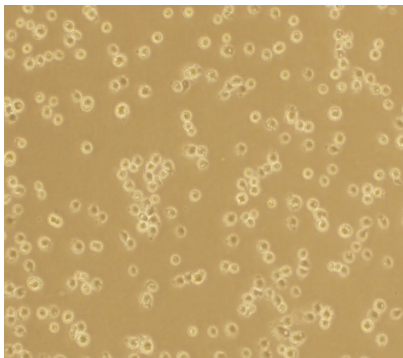
SPLCoat™ offers a number of technologies optimized for enhanced cell attachment and growth of fastidious cells, (e.g., primary cells, neuronal cells, endothelial and tumor cells) which may not easily adhere to or differentiate into specialized cell types on traditional surfaces. SPL Life Sciences provides a wide range of Collagen Type IV coated products. All Collagen Type IV coated products are produced with optically clear and high quality polymers for microscopy.



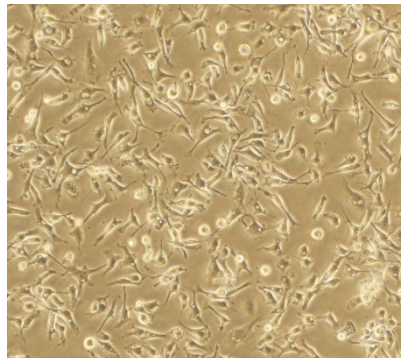
2. Experimental condition

- 1) Cell line: HT-1080 (human fibrosarcoma)
- 2) Media: RPMI1640 (serum free)
- 3) Culture condition: 37°C, 5% CO₂

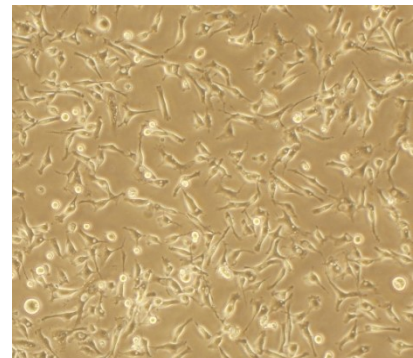
3. Results



Control(non-coated)



SPL Collagen IV ware



Competitor's Collagen IV ware

Figure 1. Microscopic observation of cultured cell

4. Conclusion

Cells cultured in presence of SPL Collagen Type IV coating attached better than those in non-coated surface control and competitor's product.

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								
78025	PS	Filter Cap	-	-	25.00	7.00	-	5 / 10
78125	PS	Plug Cap	-	-	25.00	7.00	-	5 / 10
78075	PS	Filter Cap	-	-	75.00	25.00	-	5 / 10
78175	PS	Plug Cap	-	-	75.00	25.00	-	5 / 10
Dish								
24035	PS	35.00 x 10.00	-	35.00 x 9.60	9.40	3.00	+	10 / 20
24060	PS	60.00 x 15.00	-	52.80 x 12.80	21.50	5.00	+	10 / 20
24100	PS	90.00 x 20.00	-	86.26 x 17.70	57.50	12.50	-	10 / 10
24150	PS	150.00 x 25.00	-	140.20 x 23.30	148.00	35.00	-	5 / 5
Plate								
39406	PS	6well	85.40 x 127.60 x 20.20	35.00 x 17.50	9.60	3.00	-	1 / 5
39412	PS	12well	85.40 x 127.60 x 20.20	21.90 x 17.50	3.80	2.00	-	1 / 5
39424	PS	24well	85.40 x 127.60 x 20.20	15.50 x 17.50	1.90	1.00	-	1 / 5
39448	PS	48well	85.40 x 127.60 x 20.20	9.75 x 17.50	0.75	0.50	-	1 / 5
39496	PS	96well	85.40 x 127.60 x 14.40	6.50 x 10.80	0.33	0.20	-	1 / 5
Slide								
30604	PS/Glass/PP	4well	-	-	2.13	0.50 - 1.30	-	6 / 12
30608	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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