



**PROTEIN**  
BIOTECHNOLOGIES

**HUMAN BLADDER CANCER TISSUE MICROARRAY**

**Catalog Number: TMA-002**

Each core from each tissue represents one specimen selected and pathologically confirmed. Normal matched or unmatched bladder tissue is provided for comparison to the cancer tissue.

**Cases:** 53    **Cores:** 80    **Diameter:** 1.5 mm    **Thickness:** 5 µm    **Standard IHC:** Cytokeratin confirmed

**Layout:** 8 x 10

	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>
<b>A</b>	1	2	3	4	5	6	7	8	9	10
<b>B</b>	11	12	13	14	15	16	17	18	19	20
<b>C</b>	21	22	23	24	25	26	27	28	29	30
<b>D</b>	31	32	33	34	35	36	37	38	39	40
<b>E</b>	41	42	43	44	45	46	47	48	49	50
<b>F</b>	51	52	53	54	55	56	57	58	59	60
<b>G</b>	61	62	63	64	65	66	67	68	69	70
<b>H</b>	71	72	73	74	75	76	77	78	79	80

<b>Core No.</b>	<b>Location</b>	<b>Tissue</b>	<b>Diagnosis</b>	<b>Grade</b>	<b>Sex</b>	<b>Age</b>
1	A1	Bladder	Transitional cell carcinoma	1	F	72
2	A2	Bladder	Transitional cell carcinoma	1	M	68
3	A3	Bladder	Transitional cell carcinoma	1	M	40
4	A4	Bladder	Transitional cell carcinoma	1	F	37
5	A5	Bladder	Transitional cell carcinoma	1	M	62
6	A6	Bladder	Transitional cell carcinoma	2	F	72
7	A7	Bladder	Transitional cell carcinoma	3	M	49
8	A8	Bladder	Transitional cell carcinoma	2	M	62
9	A9	Bladder	Transitional cell carcinoma	2	M	67
10	A10	Bladder	Transitional cell carcinoma	2	M	66
11	B1	Bladder	Transitional cell carcinoma	2	M	72
12	B2	Bladder	Transitional cell carcinoma	2	M	72
13	B3	Bladder	Transitional cell carcinoma	2	M	54
14	B4	Bladder	Transitional cell carcinoma	2	M	42
15	B5	Bladder	Transitional cell carcinoma	2	M	42
16	B6	Bladder	Transitional cell carcinoma	2	M	74
17	B7	Bladder	Transitional cell carcinoma with glandular metaplasia	2	F	75
18	B8	Bladder	Transitional cell carcinoma	3	F	60
19	B9	Bladder	Transitional cell carcinoma	1	M	45
20	B10	Bladder	Transitional cell carcinoma	2	F	50
21	C1	Bladder	Transitional cell carcinoma	3	M	88
22	C2	Bladder	Transitional cell carcinoma	3	F	48



# PROTEIN

BIOTECHNOLOGIES

23	C3	Bladder	Transitional cell carcinoma	3	M	61
24	C4	Bladder	Transitional cell carcinoma	3	M	55
25	C5	Bladder	Transitional cell carcinoma	3	F	72
26	C6	Bladder	Transitional cell carcinoma	3	F	50
27	C7	Bladder	Transitional cell carcinoma	3	M	66
28	C8	Bladder	Transitional cell carcinoma	3	M	58
29	C9	Bladder	Adenocarcinoma	2	M	50
30	C10	Bladder	Mucous adenocarcinoma	3	M	50
31	D1	Bladder	Transitional cell carcinoma	2	M	72
32	D2	Bladder	Transitional cell carcinoma	1	M	45
33	D3	Bladder	Transitional cell carcinoma	2	M	71
34	D4	Bladder	Transitional cell carcinoma	2	M	47
35	D5	Bladder	Transitional cell carcinoma	1	F	65
36	D6	Bladder	Transitional cell carcinoma	2	M	63
37	D7	Bladder	Transitional cell carcinoma	2	M	62
38	D8	Bladder	Squamous cell carcinoma	3	M	51
39	D9	Bladder	Transitional cell carcinoma	3	M	66
40	D10	Bladder	Transitional cell carcinoma	3	F	45
41	E1	Bladder	Normal bladder tissue of No. 01	-	F	72
42	E2	Bladder	Papillary atypical hyperplasia in epithelium of local bladder tissue	-	M	68
43	E3	Bladder	Normal bladder tissue of No. 03	-	M	40
44	E4	Bladder	Mucosa chronic inflammation of bladder of No. 04	-	F	37
45	E5	Bladder	Normal bladder tissue of No. 05	-	M	62
46	E6	Bladder	Normal bladder tissue of No. 06	-	F	72
47	E7	Bladder	Normal bladder tissue of No. 07	-	M	49
48	E8	Bladder	Normal bladder tissue of No. 08	-	M	62
49	E9	Bladder	Mucosa chronic inflammation of bladder of No. 09	-	M	67
50	E10	Bladder	Normal bladder tissue of No. 10	-	M	66
51	F1	Bladder	Normal bladder tissue of No. 11	-	M	72
52	F2	Bladder	Normal bladder tissue of No. 12	-	M	72
53	F3	Bladder	Normal bladder tissue of No. 13	-	M	54
54	F4	Bladder	Normal bladder tissue of No. 14	-	M	42
55	F5	Bladder	Normal bladder tissue	-	M	40
56	F6	Bladder	Normal bladder tissue of No. 16	-	M	74
57	F7	Bladder	Normal bladder tissue of No. 17	-	F	75
58	F8	Bladder	Bladder tissue with epithelium hyperplasia of No. 18	-	F	60
59	F9	Bladder	Normal bladder tissue of No. 19	-	M	45
60	F10	Bladder	Normal bladder tissue	-	F	58



# PROTEIN

BIOTECHNOLOGIES

61	G1	Bladder	Normal bladder tissue of No. 21	-	M	88
62	G2	Bladder	Bladder tissue with atypical hyperplasia of epithelium and carcinomatous embolus formation in blood vessel	3	F	48
63	G3	Bladder	Normal bladder tissue of No. 23	-	M	61
64	G4	Bladder	Normal bladder tissue of No. 24	-	M	55
65	G5	Bladder	Normal bladder tissue of No. 25	-	F	72
66	G6	Bladder	Normal bladder tissue of No. 26	-	F	50
67	G7	Bladder	Bladder tissue with hemorrhage of No. 27	-	M	66
68	G8	Bladder	Normal bladder tissue of No. 28	-	M	58
69	G9	Bladder	Normal bladder tissue of No. 29	-	M	50
70	G10	Bladder	Normal bladder tissue	-	M	58
71	H1	Bladder	Normal bladder tissue	-	F	48
72	H2	Bladder	Normal bladder tissue	-	M	79
73	H3	Bladder	Normal bladder tissue	-	M	70
74	H4	Bladder	Normal bladder tissue	-	M	65
75	H5	Bladder	Bladder tissue with lymphatic tissue hyperplasia	-	F	71
76	H6	Bladder	Normal bladder tissue	-	M	52
77	H7	Bladder	Normal bladder tissue	-	M	68
78	H8	Bladder	Normal bladder tissue	-	M	70
79	H9	Bladder	Normal bladder tissue	-	M	60
80	H10	Bladder	Normal bladder tissue	-	M	68

**For Research Use Only**