



**PROTEIN**  
BIOTECHNOLOGIES

**HUMAN BREAST CANCER TISSUE ARRAY**

**Catalog Number:** TMA-049

Each dot represents a DISEASED tissue spot from one individual specimen that was selected and pathologically confirmed (multi-tissue combined panel)

**Cases:** 79    **Cores:** 80    **Diameter:** 1.5 mm    **Thickness:** 5 µm    **Standard IHC:** Anti-cytokeratin low molecular weight (L-CK) antibody 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>Age</b>	<b>Sex</b>	<b>Grade</b>
01	A1	Breast	Nonspecific infiltrating duct carcinoma	51	F	II
02	A2	Breast	Nonspecific infiltrating duct carcinoma	75	F	II
03	A3	Breast	Nonspecific infiltrating duct carcinoma	41	F	II
04	A4	Breast	Nonspecific infiltrating duct carcinoma	41	F	I
05	A5	Breast	Nonspecific infiltrating duct carcinoma	48	F	II
06	A6	Breast	Nonspecific infiltrating duct carcinoma	40	F	I
07	A7	Breast	Nonspecific infiltrating duct carcinoma	36	F	I
08	A8	Breast	Nonspecific infiltrating duct carcinoma	68	F	II
09	A9	Breast	Mixed type infiltrating lobular carcinoma	33	F	
10	A10	Breast	Nonspecific infiltrating duct carcinoma	52	F	II
11	B1	Breast	Nonspecific infiltrating duct carcinoma	65	F	I
12	B2	Breast	Nonspecific infiltrating duct carcinoma	33	F	II
13	B3	Breast	Intraductal carcinoma	51	F	
14	B4	Breast	Nonspecific infiltrating duct carcinoma	60	F	II
15	B5	Breast	Nonspecific infiltrating duct carcinoma	52	F	II
16	B6	Breast	Nonspecific infiltrating duct carcinoma	60	F	II
17	B7	Breast	Nonspecific infiltrating duct carcinoma	37	F	II
18	B8	Breast	Nonspecific infiltrating duct carcinoma	45	F	II
19	B9	Breast	Nonspecific infiltrating duct carcinoma	20	F	II
20	B10	Breast	Nonspecific infiltrating duct carcinoma	42	F	I
21	C1	Breast	Intraductal carcinoma	40	F	
22	C2	Breast	Nonspecific infiltrating duct carcinoma	43	F	II
23	C3	Breast	Nonspecific infiltrating duct carcinoma	53	F	I
24	C4	Breast	Nonspecific infiltrating duct carcinoma	60	F	II
25	C5	Breast	Nonspecific infiltrating duct carcinoma	49	F	II
26	C6	Breast	Infiltrating cribriform carcinoma	42	F	
27	C7	Breast	Nonspecific infiltrating duct carcinoma	46	F	III
28	C8	Breast	Medullary carcinoma	42	F	
29	C9	Breast	Nonspecific infiltrating duct carcinoma	66	F	III
30	C10	Breast	Nonspecific infiltrating duct carcinoma	39	F	I
31	D1	Breast	Nonspecific infiltrating duct carcinoma	42	F	II
32	D2	Breast	Nonspecific infiltrating duct carcinoma	80	F	I
33	D3	Breast	Nonspecific infiltrating duct carcinoma	48	F	II



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34	D4	Breast	Nonspecific infiltrating duct carcinoma	48	F	II
35	D5	Breast	Nonspecific infiltrating duct carcinoma	51	F	I
36	D6	Breast	Nonspecific infiltrating duct carcinoma	48	F	I
37	D7	Breast	Nonspecific infiltrating duct carcinoma	76	F	II
38	D8	Breast	Micropapillary carcinoma	34	F	
39	D9	Breast	Nonspecific infiltrating duct carcinoma	66	F	I
40	D10	Breast	Nonspecific infiltrating duct carcinoma	67	F	II
41	E1	Breast	Nonspecific infiltrating duct carcinoma	56	F	II
42	E2	Breast	Nonspecific infiltrating duct carcinoma	71	F	II
43	E3	Breast	Nonspecific infiltrating duct carcinoma	47	F	I
44	E4	Breast	Nonspecific infiltrating duct carcinoma	52	F	II
45	E5	Breast	Nonspecific infiltrating duct carcinoma	68	F	II
46	E6	Breast	Nonspecific infiltrating duct carcinoma	42	F	II
47	E7	Breast	Nonspecific infiltrating duct carcinoma	38	F	I
48	E8	Breast	Nonspecific infiltrating duct carcinoma	61	F	II
49	E9	Breast	Intraductal carcinoma	52	F	
50	E10	Breast	Nonspecific infiltrating duct carcinoma	45	F	II
51	F1	Breast	Microinvasive ductal carcinoma	58	F	
52	F2	Breast	Nonspecific infiltrating duct carcinoma	51	F	II
53	F3	Breast	Nonspecific infiltrating duct carcinoma	48	F	II
54	F4	Breast	Nonspecific infiltrating duct carcinoma	38	F	II
55	F5	Breast	Nonspecific infiltrating duct carcinoma	40	F	II
56	F6	Breast	Nonspecific infiltrating duct carcinoma	42	F	II
57	F7	Breast	Nonspecific infiltrating duct carcinoma	39	F	II
58	F8	Breast	Nonspecific infiltrating duct carcinoma	44	F	II
59	F9	Breast	Nonspecific infiltrating duct carcinoma	58	F	II
60	F10	Breast	Nonspecific infiltrating duct carcinoma	38	F	II
61	G1	Breast	Nonspecific infiltrating duct carcinoma	50	F	I
62	G2	Breast	Nonspecific infiltrating duct carcinoma	53	F	II
63	G3	Breast	Nonspecific infiltrating duct carcinoma	46	F	I
64	G4	Breast	Nonspecific infiltrating duct carcinoma	70	F	II
65	G5	Breast	Nonspecific infiltrating duct carcinoma	50	F	II
66	G6	Breast	Intraductal carcinoma	64	F	
67	G7	Breast	Medullary carcinoma	57	F	
68	G8	Breast	Medullary carcinoma	38	F	
69	G9	Breast	Medullary carcinoma	46	F	
70	G10	Breast	Mucinous adenocarcinoma	83	F	
71	H1	Breast	Mucinous adenocarcinoma	48	F	
72	H2	Breast	Mucinous adenocarcinoma	65	F	
73	H3	Breast	Nonspecific infiltrating duct carcinoma	44	F	II
74	H4	Breast	Infiltrating cribriform carcinoma	43	F	
75	H5	Breast	Nonspecific infiltrating duct carcinoma	56	F	II
76	H6	Breast	Please read specific diagnoses in note	41	F	
77	H7	Breast	Lobular carcinoma	68	F	
78	H8	Breast	Metaplastic carcinoma	47	F	
79	H9	Breast	Breast tissue	46	F	
80	H10	Breast	Fibrofatty tissue	41	F	

**For Research Use Only**