



PROTEIN BIOTECHNOLOGIES

HUMAN MULTIPLE ORGAN CANCER TISSUE ARRAY

Catalog Number: TMA-082

Each dot represents a DISEASED tissue spot from one individual specimen that was selected and pathologically confirmed (Multiple organ cancer tissue array)

Cases: 96 **Cores:** 96 **Diameter:** 1mm **Thickness:** 5 µm **Standard IHC:** Anti-cytokeratin (CK) antibody confirmed

Layout: 8 x 12

	1	2	3	4	5	6	7	8	9	10	11	12
A	1	2	3	4	5	6	7	8	9	10	11	12
B	13	14	15	16	17	18	19	20	21	22	23	24
C	25	26	27	28	29	30	31	32	33	34	35	36
D	37	38	39	40	41	42	43	44	45	46	47	48
E	49	50	51	52	53	54	55	56	57	58	59	60
F	61	62	63	64	65	66	67	68	69	70	71	72
G	73	74	75	76	77	78	79	80	81	82	83	84
H	85	86	87	88	89	90	91	92	93	94	95	96

Core No.	Location	Tissue	Diagnosis	Grade	Sex	Age
01	A1	Brain	Astrocytoma of brain	II	M	39
02	A2	Brain	Dedifferentiation oligodendroglioma of brain	-	M	55
03	A3	Brain	Malignant ependymoma of brain	-	M	2
04	A4	Brain	Astrocytoma of brain	II	M	52
05	A5	Brain	Astrocytoma of brain	III	M	43
06	A6	Brain	Astrocytoma of brain	IV	F	37
07	A7	Esophagus	Squamous cell carcinoma of esophagus	III	M	63
08	A8	Esophagus	Squamous cell carcinoma of esophagus	III	M	64
09	A9	Esophagus	Smooth muscle of esophagus	-	F	47
10	A10	Stomach	Adenocarcinoma of stomach	I	M	59
11	A11	Stomach	Adenocarcinoma of stomach	III	F	61
12	A12	Stomach	Low malignant mesenchymoma of stomach	-	F	69
13	B1	Liver	Hepatocellular carcinoma of liver	III	M	56
14	B2	Liver	Cholangioma of liver	III	M	32
15	B3	Liver	Hepatoblastoma of liver	-	F	17
16	B4	Intestine	Adenocarcinoma of small intestine	III	F	70
17	B5	Intestine	Diffuse type B-cell malignant lymphoma of small intestine	-	F	52
18	B6	Intestine	Low malignant mesenchymoma of small intestine	-	F	36
19	B7	Colon	Adenocarcinoma of colon	III	M	46
20	B8	Colon	Moderate malignant mesenchymoma of colon	-	M	61
21	B9	Colon	Diffuse type B-cell malignant lymphoma of colon	-	M	55
22	B10	Rectum	Adenocarcinoma of rectum	I	F	47
23	B11	Rectum	Low malignant mesenchymoma of rectum	-	M	63
24	B12	Rectum	Moderate malignant mesenchymoma of rectum	-	M	57
25	C1	Pancreas	Islet cell carcinoma of pancreas	-	F	15
26	C2	Pancreas	Adenocarcinoma of pancreas	III	F	57
27	C3	Pancreas	Adenocarcinoma of pancreas	III	M	64
28	C4	Epiploon	Metastatic adenocarcinoma of greater omentum	III	F	38
29	C5	Epiploon	Metastatic dysgerminoma of greater omentum	-	F	26
30	C6	Epiploon	Low malignant mesenchymoma of greater omentum	-	F	70
31	C7	Lung	Small cell undifferentiated carcinoma of lung	IV	M	50



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32	C8	Lung	Small cell undifferentiated carcinoma of lung	IV	F	48
33	C9	Lung	Atypical carcinoid of lung	-	F	45
34	C10	Lung	Squamous cell carcinoma of lung	III	F	39
35	C11	Lung	Adenocarcinoma of lung	II	F	58
36	C12	Lung	Squamous cell carcinoma of lung	III	M	62
37	D1	Uterine cervix	Squamous cell carcinoma of cervix	III	F	57
38	D2	Uterine cervix	Squamous cell carcinoma of cervix	III	F	42
39	D3	Uterine cervix	Cervix tissue	-	F	50
40	D4	Uterus	Endometrial adenocarcinoma	III	F	66
41	D5	Uterus	Endometrial stromal sarcoma (low malignant)	-	F	21
42	D6	Uterus	Clear cell carcinoma of endometrium	-	F	70
43	D7	Breast	Infiltrating lobular carcinoma of breast	-	F	49
44	D8	Breast	Nonspecific infiltrating duct carcinoma of breast	-	F	40
45	D9	Breast	Cystosarcoma phyllodes of breast	-	F	40
46	D10	Ovary	Serous adenocarcinoma of ovary	III	F	60
47	D11	Ovary	Serous adenocarcinoma of ovary	III	F	40
48	D12	Ovary	Serous adenocarcinoma of ovary	III	F	39
49	E1	Spleen	Diffuse type B-cell malignant lymphoma of spleen	-	M	47
50	E2	Spleen	Diffuse type malignant lymphoma of spleen	-	M	39
51	E3	Spleen	Diffuse type B-cell malignant lymphoma of spleen	-	M	40
52	E4	Prostate	Adenocarcinoma of prostate	IV	M	74
53	E5	Prostate	Transitional cell carcinoma of prostate	-	M	66
54	E6	Prostate	Transitional cell carcinoma of prostate	-	M	79
55	E7	Testis	Seminoma of testis	-	M	70
56	E8	Testis	Diffuse type B-cell malignant lymphoma of testis	-	M	76
57	E9	Testis	Embryonal carcinoma of testis	-	M	43
58	E10	Kidney	Clear cell carcinoma of kidney	-	F	61
59	E11	Kidney	Clear cell carcinoma of kidney	-	M	63
60	E12	Kidney	Sarcomatoid carcinoma of kidney	-	M	37
61	F1	Bladder	Transitional cell carcinoma of bladder	III	M	75
62	F2	Bladder	Mucoid adenocarcinoma of bladder	III	M	32
63	F3	Bladder	Leiomyosarcoma of bladder (moderate malignant)	-	M	62
64	F4	Lymph node	Hodgkin's disease of lymph node	-	F	42
65	F5	Lymph node	Hodgkin's disease of lymph node	-	M	41
66	F6	Lymph node	Diffuse type B-cell malignant lymphoma of lymph node	-	M	43
67	F7	Lymph node	Diffuse type B-cell malignant lymphoma of lymph node	-	M	15
68	F8	Mediastinum	Diffuse type T-cell malignant lymphoma of mediastinum	-	M	39
69	F9	Mesentery	Diffuse type B-cell malignant lymphoma of mesentery	-	M	53
70	F10	Bone	Osteosarcoma of left leg	-	F	40
71	F11	Bone	Osteosarcoma of right femur inferior segment	-	M	19
72	F12	Bone	Osteosarcoma of right femur	-	M	41
73	G1	Cartilages	Chondrosarcoma of ribs	I	M	50
74	G2	Cartilages	Chondrosarcoma of right femur inferior segment	I	M	14
75	G3	Cartilages	Mesenchymal chondrosarcoma	-	M	47
76	G4	Cheek	Squamous cell carcinoma of cheek	I	F	51



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77	G5	Lip	Squamous cell carcinoma of lips	I	M	63
78	G6	Nose	Squamous cell carcinoma of nasal cavity	I	M	63
79	G7	Throat	Squamous cell carcinoma of throat	III	F	24
80	G8	Larynx	Squamous cell carcinoma of larynx	I	M	52
81	G9	Larynx	Squamous cell carcinoma of larynx	III	M	47
82	G10	Pharynx	Diffuse type B-cell malignant lymphoma of pharynx	-	M	60
83	G11	Throat	Squamous cell carcinoma of throat	I	M	58
84	G12	Nose	Squamous cell carcinoma of nasopharyngeal	III	M	62
85	H1	Tongue	Squamous cell carcinoma of tongue	II	M	57
86	H2	Tongue	Embryonal rhabdomyosarcoma of tongue	-	M	18
87	H3	Tongue	Skeletal muscle and fatty tissue of tongue	-	M	50
88	H4	Fatty tissue	Mucoid liposarcoma of left leg	-	M	47
89	H5	Fibrous tissue	Isolated fibroma of chest wall (low malignant)	-	M	41
90	H6	Fibrous tissue	Fibrosarcoma of left forearm	-	M	45
91	H7	Thyroid	Medullary carcinoma of thyroid	-	F	52
92	H8	Thyroid	Papillary carcinoma of thyroid	-	F	50
93	H9	Thyroid	Diffuse type B-cell malignant lymphoma of thyroid	-	F	62
94	H10	Skin	Malignant melanoma of anus margin	-	F	47
95	H11	Skin	Basal cell carcinoma of head	-	M	57
96	H12	Skin	Squamous cell carcinoma of left chest wall	III	M	46

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