
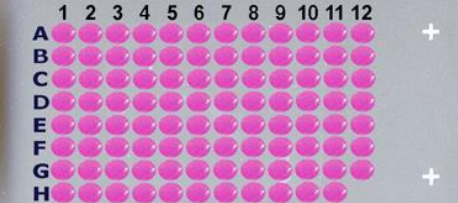




**Cat No: MTU951 - 40 types of human tumor tissue array**

Lot#	Cores	Size	Cut	Format	QA/QC	Pantomics, Inc. 	
MTU95101	95	1.5mm	4um	8X12	H&E, IHC anti-Vimentin/Cytokeratin		

**Recommended applications:** For Research use only. RNA or protein general tumor tissue profiling using IHC or ISH; Antibody characterization.

**Description:** 40 types, covering most of the common benign, malignant and metastatic tumors originated from 27 anatomic sites. Majority of the tumors have duplicates or triplicates from different individuals with corresponding uninvolved tissues as controls.

All the tissues were from surgical resection. They were fixed in 10% neutral buffered formalin for 24 hours and processed using identical SOPs. Sections were picked onto Superfrost Plus or APES coated Superfrost slides. They can be stored for use at 4C for up to six months from the date of shipment. **There may be 5 to 10% of tissue core loss.**

Array Position	Sex	Age	Anatomic Site	Pathology	Grade	Stage
A01	F	37	Adrenal gland	Normal, hyperplasia	null	null
A02	M	35	Adrenal gland	Adenoma, cortical	null	null
A03	M	28	Adrenal gland	Adrenocortical carcinoma	null	T2N0M0
A04	M	53	Bladder, urinary	Normal	null	null
A05	F	53	Bladder, urinary	Transitional cell carcinoma	I~II	T1N0M0
A06	F	65	Bladder, urinary	Transitional cell carcinoma	I~II	T1N0M0
A07	F	30	Breast	Normal	null	null
A08	F	40	Breast	Fibroadenoma	null	null
A09	F	39	Breast	Fibroadenoma	null	null
A10	F	58	Breast	Invasive ductal carcinoma	II	T2N1M0
A11	F	53	Breast	Invasive ductal carcinoma	II	T2N0M0
A12	F	42	Breast	Invasive ductal carcinoma	II	T4N1M0
B01	M	17	Bone, tibia	Osteosarcoma	null	null
B02	M	44	Bone, scapula	Chondrosarcoma	null	null
B03	M	58	Brain, cerebellum	Normal*	null	null
B04	F	65	Brain, cerebellum	Meningioma, fibroblastic	null	null
B05	M	55	Brain, cerebellum	Malignant meningioma	null	null
B06	M	58	Brain	Normal*	null	null
B07	F	26	Brain	Meningioma, fibroblastic	null	null
B08	M	47	Brain	Astrocytoma	II	null
B09	M	53	Esophagus	Normal		null
B10	F	68	Esophagus	Squamous cell carcinoma	I	T2N0M0
B11	M	54	Esophagus	Squamous cell carcinoma	II	T3N1M0
B12	F	61	Esophagus	Squamous cell carcinoma	III	T2N1M0
C01	M	59	Stomach	Normal	null	null
C02	M	52	Stomach	Adenocarcinoma	I	T2N0M0
C03	M	66	Stomach	Adenocarcinoma	II	T3N0M0
C04	M	47	Stomach	Adenocarcinoma	III	T3N2M0
C05	F	40	Intestine, small intestine	Normal	null	null
C06	F	18	Intestine, small intestine	Adenoma	null	null
C07	F	57	Intestine, small intestine	Adenocarcinoma	II	T2N0M0
C08	F	27	Intestine, colon	Normal	null	null
C09	M	57	Intestine, colon	Adenoma	null	null
C10	M	56	Intestine, colon	Adenocarcinoma	I	T3N0M0
C11	M	89	Intestine, colon	Adenocarcinoma	II	T2N0M0
C12	F	43	Intestine, colon	Adenocarcinoma	III	T3N0M0
D01	M	61	Intestine, rectum	Normal	null	null
D02	M	40	Intestine, rectum	Adenocarcinoma	I	T3N0M0



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D03	M	38	Intestine, rectum	Adenocarcinoma	II	T3N1M0
D04	M	50	Intestine, rectum	Adenocarcinoma	III	T3N1M0
D05	F	51	Kidney	Normal cortex	null	null
D06	M	40	Kidney	Clear cell carcinoma	null	T1N0M0
D07	F	79	Kidney	Clear cell carcinoma	null	T1N0M0
D08	M	43	Liver	Normal	null	null
D09	M	26	Liver	Hepatocellular carcinoma	I	T2N0M0
D10	M	40	Liver	Hepatocellular carcinoma	II	T2N0M0
D11	M	53	Liver	Hepatocellular carcinoma	I	T2N0M0
D12	M	41	Liver	Hepatocellular carcinoma	III	T2N0M0
E01	M	58	Lung	Normal	null	null
E02	M	59	Lung	Squamous cell carcinoma	II	T2N2M0
E03	M	62	Lung	Squamous cell carcinoma	II~III	T2N0M0
E04	M	72	Lung	Adenocarcinoma	III	T2N2M0
E05	M	19	Lung	Small cell carcinoma	null	T3N0M0
E06	F	39	Lymph node	Reactive	null	null
E07	M	50	Lymph node, neck	Lymphoma, Hodgkin lymphoma	null	null
E08	M	42	Lymph node, axillary	Lymphoma, non-Hodgkin B-cell lymphoma	null	null
E09	M	51	Lymph node, neck	Lymphoma, anaplastic large cell lymphoma	null	null
E10	F	48	Head and neck, oral cavity, hard palate	Adenocarcinoma	III~IV	null
E11	M	56	Head and neck, oral cavity, tongue	Squamous cell carcinoma	II	T2N0M0
E12	F	48	Head and neck, nasopharynx	Nasopharyngeal carcinoma, NPC	III	T2N0M0
F01	F	45	Ovary	Normal	null	null
F02	F	55	Ovary	Granulosa cell tumor	null	null
F03	F	45	Ovary	Adenocarcinoma	III	T2N0M0
F04	F	49	Ovary	Endometrioid adenocarcinoma	III	T1N0M0
F05	M	35	Pancreas	Normal	null	null
F06	F	49	Pancreas	Adenocarcinoma	II	T3N1M1
F07	M	65	Prostate	Normal, hyperplasia	null	null
F08	M	60	Prostate	Adenocarcinoma	II	T2N0M0
F09	M	63	Prostate	Adenocarcinoma	III	T3N0M0
F10	M	38	Head and neck, salivary gland	Normal	null	null
F11	F	28	Head and neck, salivary gland, parotid	Pleomorphic adenoma	null	null
F12	F	38	Head and neck, salivary gland	Adenoid cystic carcinoma	I~II	T1N0M0
G01	M	50	Skin	Normal	null	null
G02	M	67	Skin, trunk	Squamous cell carcinoma	II	T2N0M0
G03	M	53	Head and neck, nasal cavity	Melanoma	null	null
G04	M	77	Testis	Normal	null	null
G05	M	30	Testis	Seminoma	null	null
G06	M	28	Testis	Seminoma	null	null
G07	F	62	Thyroid	Normal	null	null
G08	F	47	Thyroid	Adenoma	null	null
G09	F	27	Thyroid	Adenoma	null	null
G10	F	66	Thyroid	Adenoma	null	null
G11	M	16	Thyroid	Follicular carcinoma	null	T3N1M0
G12	M	34	Thyroid	Follicular papillary adenocarcinoma	null	T2N1M0
H01	F	41	Uterus, cervix	Normal	null	null
H02	F	63	Uterus, cervix	Squamous cell carcinoma	III	T1N0M0
H03	F	57	Uterus, cervix	Squamous cell carcinoma	III	T1N1M0
H04	F	50	Uterus, endometrium	Normal	null	null
H05	F	48	Uterus, endometrium	Adenocarcinoma	I~II	T2N0M0
H06	F	53	Uterus, endometrium	Adenocarcinoma	II~III	T1N1M0
H07	M	60	Liver	Metastatic colon adenocarcinoma	null	null
H08	M	69	Lung	Metastatic cancers, from gastrointestinal site?	null	null
H09	F	34	Lymph node	Metastatic breast invasive ductal	null	null



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				carcinoma		
H10	F	40	Ovary	Metastatic colon signet ring cell carcinoma	null	null
H11	M	51	Lymph node	Metastatic esophagus squamous cell carcinoma	null	null

**Notes:** Bake at 60C for ~60 minutes before use. If antigen retrieving is needed, it is important to avoid **direct-boiling and high pH or high strength** antigen retrieving buffer. For availability of complimentary IHC data, please contact us at [info@pantomics.com](mailto:info@pantomics.com).

**Certified by:** Fancai Li, M.D.