
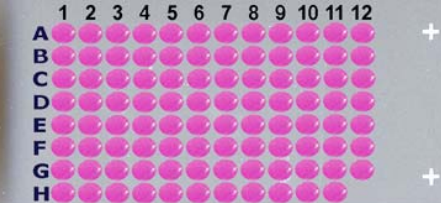


Cat No: MTU951 - 40 types of human tumor tissue array

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. Most of the tissues were from surgical resection. Those highlighted by "*" were from autopsy. All tissues 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 all have a guaranteed six months' shelf-life at 4C from the date of shipment. There may be >5% tissue core losses. But the core retention rate should be >90%.

Array position	Sex	Age	Anatomic site	Histology	Grade	Stage (TNM)
A01	F	37	Adrenal gland	Normal		
A02	M	61	Adrenal gland	Cortical adenoma		
A03	M	28	Adrenal gland	Cortical carcinoma		
A04	M	53	Bladder	Normal		
A05	F	53	Bladder	Transitional cell carcinoma	II	T1N0M0
A06	F	65	Bladder	Transitional cell carcinoma	I~II	T1N0M0
A07	F	30	Breast	Normal		
A08	F	40	Breast	Adenoma		
A09	F	39	Breast	Adenoma		
A10	F	58	Breast	Adenocarcinoma	II	T2N1M0
A11	F	53	Breast	Adenocarcinoma	II	T2N0M0
A12	F	42	Breast	Adenocarcinoma	II	T4N1M0
B01	M	17	Bone	Chondrosarcoma		
B02	M	44	Bone	Chondrosarcoma		
B03	M	49	Cerebellum	Normal		
B04	F	65	Cerebellum	Meningioma	I~II	
B05	M	55	Cerebellum	Malignant meningioma	III	
B06	M	58	Cerebra (brain)	Normal		
B07	F	26	Cerebra (brain)	Meningioma	I~II	
B08	M	47	Cerebra (brain)	Astrocytoma	II	
B09	M	53	GI-Esophagus	Normal		
B10	F	68	GI-Esophagus	Squamous cell carcinoma	I	T2N0M0
B11	M	54	GI-Esophagus	Squamous cell carcinoma	II	T2N1M0
B12	F	61	GI-Esophagus	Squamous cell carcinoma	III	T2N1M0
C01	M	59	GI-Stomach	Normal		
C02	M	52	GI-Stomach	Adenocarcinoma	I	T2N0M0
C03	M	66	GI-Stomach	Signet ring cell carcinoma		T3N0M0
C04	M	47	GI-Stomach	Adenocarcinoma	II	T3N2M0
C05	F	40	GI-Small intestine	Normal		
C06	F	18	GI-Small intestine	Adenoma		
C07	F	57	GI-Small intestine	Adenocarcinoma	II	T2N0M0
C08	F	27	GI-Colon	Normal		
C09	M	57	GI-Colon	Adenoma		
C10	M	56	GI-Colon	Adenocarcinoma	I	T3N0M0



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C11	M	89	GI-Colon	Adenocarcinoma	II	T2N0M0
C12	F	43	GI-Colon	Adenocarcinoma	III	T3N0M0
D01	M	61	GI-Rectum	Normal		
D02	M	40	GI-Rectum	Adenocarcinoma	I	T3N0M0
D03	M	38	GI-Rectum	Adenocarcinoma	II	T3N1M0
D04	M	50	GI-Rectum	Adenocarcinoma	III	T3N1M0
D05	F	51	Kidney	Normalcortex		
D06	M	40	Kidney	Clear cell carcinoma		T1N0M0
D07	F	79	Kidney	Clear cell carcinoma		T1N0M0
D08	M	43	Liver	Normal		
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		
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		T3N0M0
E06	F	39	Lymph node	Reactive		
E07	M	50	Lymph node	Hodgkin's		
E08	M	42	Lymph node	B-NHL		
E09	M	51	Lymph node	T-NHL		
E10	F	48	Oranasopharynx	Hard palate adenocarcinoma	III~IV	
E11	M	56	Oranasopharynx	Tongue Squamous cell carcinoma	II	T2N0M0
E12	F	48	Oranasopharynx	NPC	III	T2N0M0
F01	F	45	Ovary	Normal		
F02	F	55	Ovary	Adenoma		
F03	F	45	Ovary	Adenocarcinoma	III	T2N0M0
F04	F	49	Ovary	Adenocarcinoma	III	T1N0M0
F05	M	35	Pancreas	Normal		
F06	F	49	Pancreas	Adenocarcinoma	II	T3N1M1
F07	M	65	Prostate	Normal		
F08	M	60	Prostate	Adenocarcinoma	II	T2N0M0
F09	M	47	Prostate	Adenocarcinoma	III	T2N0M0
F10	M	38	Salivary gland	Normal		
F11	F	28	Salivary gland	Pleomorphic adenoma		
F12	F	38	Salivary gland	Adenocarcinoma	I~II	T1N0M0
G01	M	50	Skin	Normal		
G02	M	67	Skin	Squamous cell carcinoma	II	T2N0M0
G03	M	53	Skin	melanoma		
G04	M	77	Testis	Normal		
G05	M	30	Testis	Seminoma		
G06	M	28	Testis	Seminoma		
G07	F	62	Thyroid	Normal		
G08	F	47	Thyroid	Adenoma		
G09	F	27	Thyroid	Adenoma		
G10	F	66	Thyroid	Adenoma		
G11	M	16	Thyroid	Adenocarcinoma	II~III	T3N1M0
G12	M	34	Thyroid	Adenocarcinoma	II	T2N1M0
H01	F	41	Uterus-cervix	Normal		
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		



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H05	F	48	Uterus-endometrium	Adenocarcinoma	I-II	T2N0M0
H06	F	53	Uterus-endometrium	Adenocarcinoma	II ~ III	T1N1M0
H07	M	60	Liver	Metastatic cancers derived from colon carcinoma		
H08	M	69	Lung	Metastatic cancers derived from gastric carcinoma		
H09	F	34	Lymph node	Metastatic cancers derived from breast carcinoma		
H10	F	40	Ovary	Metastatic cancers derived from colon carcinoma		
H11	M	51	Lymph node	Metastatic cancers derived from squamous cell carcinoma		

Notes: Bake at 60C for 30 minutes before use. If antigen retrieving is needed, it is always a good idea to start with a protocol with weak to mild strength.

Certified by: Fancai Li, M.D.