



Cat No: MTU391 – 15 Major types of cancer tissue array

Lot#	Cores	Size	Cut	Format	QA/QC	
MTU39101	39	2mm	4um	5X8	H&E, IHC anti- Cytokeratin	

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

Description: 15 major types of cancer covering top 10 cancers both in the East and West from 12 anatomic sites. Most types have duplicates from different patients 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 all have a guaranteed six months' shelf-life at 4C from the date of shipment. Each slide has >95% tissue core retention.

Array position	Sex	Age	Anatomic site	Histology	Stage (TNM)
A1	M	45	Bladder	Normal bladder, tiny tissue fragment or tissue missing	-
A2	M	80	Bladder	Transitional cell carcinoma, grade I~II	T2N0M0
A3	M	51	Bladder	Transitional cell carcinoma, grade II	T1N0M0
A4	F	38	Breast	Normal breast	-
A5	F	37	Breast	Invasive tubular mixed carcinoma	T1N1M0
A6	F	43	Breast	Invasive ductual carcinoma	T2N1M0
A7	M	71	GI -Stomach	Normal stomach	-
A8	F	69	GI -Stomach	Adenocarcinoma, grade I~II	T2N1M0
B1	M	65	GI -Stomach	Adenocarcinoma, grade II~III	T3N1M0
B2	F	10/12	GI -Colonrectal	Normal colon	-
B3	F	60	GI -Colonrectal	Colon carcinoma, grade II	T2N1M1
B4	F	85	GI -Colonrectal	Rectal carcinoma, grade II~III	T2N0M0
B5	F	2	Kidney	Normal kidney cortex	-
B6	F	53	Kidney	Clear cell carcinoma, grade II	T1N0M0
B7	M	44	Kidney	Cear cell carcinoma, grade III	T1N0M0
B8	M	52	Liver	Normal	-
C1	M	33	Liver	Hepatocellular carcinoma, grade II~II	T2N0M0
C2	M	47	Liver	Hepatocellular carcinoma, grade I~II	T2N0M0
C3	M	60	Lung	Normal lung	-
C4	M	69	Lung	Squamous cell carcinoma, grade II~III	T2N0M0
C5	M	70	Lung	Adenocarcinoma, grade II	T2N1M0
C6	F	39	Lymph node	Reactive	-
C7	M	40	Lymph node	Hodgkin's lymphoma	-
C8	F	77	Lymph node	NHL-B	-
D1	F	16	Ovary	Normal ovary	-
D2	F	20	Ovary	Adenocarcinoma, grade I~II	T2N0M0
D3	F	45	Ovary	Adenocarcinoma, grade III	T2aN0M0
D4	M	46	Pancreas	Normal pancreas	-
D5	F	64	Pancreas	Adenocarcinoma, grade I~II	T1N0M0
D6	F	49	Pancreas	Adenocarcinoma, grade II~III	T1N0M0
D7	M	74	Prostate	Normal prostate	-
D8	M	54	Prostate	Transitional cell carcinoma, grade II	T1N0M0
E1	M	60	Prostate	Adenocarcinoma, grade II	T1N0M0
E2	F	48	Skin	Normal skin (may run out)	-



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E3	M	67	Back skin	Squamous cell carcinoma, grade II	T2N0M0
E4	M	49	Skin	Melanoma, grade II	T2N0M0
E5	F	47	Uterus	Normal uterus	-
E6	F	43	Uterus	Cervical squamous cell carcinoma, grade II	T1N0M0
E7	F	44	Uterus	Endometrial adenocarcinoma, grade II	T1bN0M0

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: Langxing Pan, M.D.