



**Cat No: MTU241 – 12 Major types of paired cancer/normal array**

Lot#	Cores	Size	Cut	Format	QA/QC
MTU24101	24	2.5mm	4um	4X6	H&E, IHC anti-Vimentin/Cytokeratin

**Recommended applications:** For Research use only. RNA or protein comparative, cancer vs normal, tissue profiling using IHC or ISH.

**Description:** 12 major types of cancer (purple) paired with corresponding uninvolved tissues (pink) from the same patients. 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.

Array position	Sex	Age	Pathology	Stage (TNM)	Anatomic site	Image
A1	M	55	Transitional cell carcinoma	T4N2MX	Bladder	
B1	M	55	Uninvolved bladder tissue of A1		Bladder	
A2	F	50	Adenocarcinoma	T4N3M1	Breast	
B2	F	50	Uninvolved breast tissue of A2		Breast	
A3	M	56	Squamous cell carcinoma	T4N3M1	GI -esophagus	
B3	M	56	Uninvolved cervix tissue of A3	-	GI -esophagus	
A4	M	58	Adenocarcinoma	T2N2M0	GI -Stomach	
B4	M	58	Uninvolved gastric tissue of A4		GI -Stomach	
A5	F	74	Adenocarcinoma	T3N1M0	GI -Colon	
B5	F	74	Uninvolved colon tissue of A5	-	GI -Colon	
A6	M	58	Clear cell carcinoma	T1N0M0	Kidney	
B6	M	58	Uninvolved kidney tissue of A6	-	Kidney	
C1	F	52	Hepatocellular carcinoma	T1N0M0	Liver	
D1	F	52	Uninvolved liver tissue of C1	-	Liver	
C2	M	53	Squamous cell carcinoma	T1N0M0	Lung	
D2	M	53	Uninvolved lung tissue of C2	-	Lung	
C3	F	56	Adenocarcinoma	T2N1M0	Ovary	
D3	F	56	Uninvolved ovary tissue of C3	-	Ovary	
C4	M	47	Adenocarcinoma	T2N0M0	Prostate	
D4	M	47	Uninvolved prostate tissue of C4	-	Prostate	
C5	M	67	Squamous cell carcinoma	T1N0M0	Skin	
D5	M	67	Uninvolved skin tissue of C5	-	Skin	
C6	F	36	Cervical squamous cell carcinoma	T1N1M0	Uterus	
D6	F	36	Uninvolved uterus tissue of C6	-	Uterus	

**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.