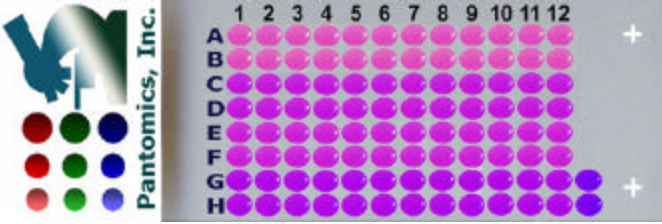




Cat No: **KIC962 - Kidney cancer tissue array**

Lot#	Cores	Size	Cut	Format	QA/QC
KIC96201	96	1.5mm	4um	8X12	H&E, IHC anti-Vimentin/Cytokeratin



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

Description: Kidney cancer tissue array, non-overlapping with KIC961, including 48 cases of uninvolved and cancerous tissues of the kidney in duplicates. 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	Age	Sex	Anatomic site	Histology	Grade	Stage (TNM)	Image
A1,B1	18	M	Kidney	Normal (cortex)			
A2,B2	18	M	Kidney	Normal (medulla)			
A3,B3	40	M	Kidney	Normal (cortex)			
A4,B4	40	M	Kidney	Normal (medulla)			
A5,B5	51	F	Kidney	Normal (cortex)			
A6,B6	51	F	Kidney	Normal (medulla)			
A7,B7	43	F	Kidney	Chronic pyelonephritis			
A8,B8	73	M	Kidney	Chronic pyelonephritis			
A9,B9	36	M	Kidney	Leiomyoma of blood vessel			
A10,B10	28	F	Kidney	Leiomyoma of blood vessel			
A11,B11	49	F	Kidney	Leiomyoma of blood vessel			
A12,B12	45	M	Kidney	Leiomyoma of blood vessel			
C1,D1	40	M	Kidney	Clear cell carcinoma		T1N0M0	
C2,D2	57	M	Kidney	Clear cell carcinoma		T1N0M0	
C3,D3	40	M	Kidney	Clear cell carcinoma		T2N0M0	
C4,D4	48	M	Kidney	Clear cell carcinoma		T1N0M0	
C5,D5	50	F	Kidney	Clear cell carcinoma		T2N0M0	
C6,D6	35	F	Kidney	Clear cell carcinoma		T1N0M0	
C7,D7	50	M	Kidney	Mixed clear cell carcinoma and papillary renal cell carcinoma		T1N0M0	
C8,D8	48	M	Kidney	Clear cell carcinoma		T2N0M0	
C9,D9	60	M	Kidney	Clear cell carcinoma		T1N0M0	
C10,D10	49	M	Kidney	Clear cell carcinoma		T1N0M0	
C11,D11	54	M	Kidney	Clear cell carcinoma		T1N0M0	
C12,D12	56	M	Kidney	Clear cell carcinoma		T1N0M0	
E1,F1	60	F	Kidney	Clear cell carcinoma		T1N0M0	
E2,F2	46	M	Kidney	Clear cell carcinoma		T1N0M0	
E3,F3	48	F	Kidney	Clear cell carcinoma		T1N0M0	
E4,F4	15	M	Kidney	Transitional cell carcinoma	I	T1N0M0	
E5,F5	61	M	Kidney	Transitional cell carcinoma	I-II	T1N1M0	



Advancing Biomedical Science Through Tissue Arrays

E6,F6	58	M	Kidney	Transitional cell carcinoma	II	T2N0M0	
E7,F7	42	M	Kidney	Transitional cell carcinoma	II	T1N0M0	
E8,F8	61	M	Kidney	Transitional cell carcinoma	II	T1N0M0	
E9,F9	55	M	Kidney	Transitional cell carcinoma	III	T2N0M0	
E10,F10	62	M	Kidney	Transitional cell carcinoma	III	T1N0M0	
E11,F11	51	M	Kidney	Transitional cell carcinoma	III	T2N1M0	
E12,F12	70	M	Kidney	Transitional cell carcinoma	III	T1N1M0	
G1,H1	54	F	Kidney	Chromophobe cell carcinoma		T1N1M0	
G2,H2	41	M	Kidney	Chromophobe cell carcinoma		T2N0M0	
G3,H3	48	F	Kidney	Chromophobe cell carcinoma		T1N0M0	
G4,H4	29	F	Kidney	Chromophobe cell carcinoma		T1N0M0	
G5,H5	50	M	Kidney	Carcinosarcoma		T1N0M0	
G6,H6	32	M	Kidney	Carcinosarcoma		T1N0M0	
G7,H7	7	M	Kidney	Wilms' tumor			
G8,H8	22	F	Kidney	Sarcoma			
G9,H9	58	M	Kidney	Papillary renal cell carcinoma		T2N0M0	
G10,H10	63	M	Kidney	Papillary renal cell carcinoma		T1N0M0	
G11,H11	61	M	Kidney	Squamous cell carcinoma	I~II	T2N0M0	
G12,H12	52	M	Kidney	Squamous cell carcinoma	II~III	T1N0M0	

Notes: Please bake the slides at 60C for 30 minutes before use.

Certified by: Langxing Pan, M.D.

TNM Classification : Kidney carcinoma

T- Primary tumor

- TX - Primary tumor cannot be assessed
- TO - No evidence of primary tumor
- T1 - Tumor 7.0 cm or less in greatest dimension, limited to the kidney
- T2 - Tumor more than 7,0 cm, limited to the kidney
- T3 - Tumor extends into major veins or invades adrenal gland or perinephric tissue but not beyond Gerota fascia
- T4 - Tumor invades beyond Gerota fascia

N - Regional lymph nodes

- NX - Regional lymph nodes cannot be assessed
- NO - No regional lymph node metastasis
- N1 - Metastasis in a single regional lymph node
- N2 - Metastasis in more than one regional lymph nodes

M - Distant metastasis

- MX - Distant metastasis cannot be assessed
- MO - No distant metastasis
- M1 - Distant metastasis

TNM classification of malignant tumours, Fifth Edition (1997)