



**KIC241 - Kidney cancer/adjacent paired tissue array**

Lot#	Cores	Size	Cut	Format	QA/QC	QUICKARRAYS, INC.	
KIC24101	24	2.5mm	4um	4X6	H&E, IHC anti- Cytokeratin		

**Recommended applications:** For research use only. Designed for kidney normal vs cancer RNA or protein tissue profiling using IHC or ISH.

**Description:** 12 cases of kidney cancer (purple) with corresponding uninvolved tissues (pink) from the same patients 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	53	Kidney	Clear cell carcinoma	null	T1N0M0
A02	M	58	Kidney	Clear cell carcinoma	null	T1N0M0
A03	F	56	Kidney	Clear cell carcinoma	null	T2N0M0
A04	M	50	Kidney	Clear cell carcinoma	null	T1N0M0
A05	M	60	Kidney	Clear cell carcinoma	null	T1N0M0
A06	M	56	Kidney	Clear cell carcinoma	null	T1N0M0
B01	F	53	Kidney	Uninvolved kidney tissue of A1	null	null
B02	M	58	Kidney	Uninvolved kidney tissue of A2	null	null
B03	F	56	Kidney	Uninvolved kidney tissue of A3	null	null
B04	M	50	Kidney	Uninvolved kidney tissue of A4	null	null
B05	M	60	Kidney	Uninvolved kidney tissue of A5	null	null
B06	M	56	Kidney	Uninvolved kidney tissue of A6	null	null
C01	M	55	Kidney	Clear cell carcinoma	null	T1N0M0
C02	M	67	Kidney	Clear cell carcinoma	null	T1N0M0
C03	M	57	Kidney	Clear cell carcinoma	null	T1N0M0
C04	F	29	Kidney	Papillary adenocarcinoma	null	T1N1M0
C05	M	63	Kidney	Papillary adenocarcinoma	null	T1N0M0
C06	M	71	Kidney	Transitional cell carcinoma	II	T2N0M0
D01	M	55	Kidney	Uninvolved kidney tissue of C1	null	null
D02	M	67	Kidney	Uninvolved kidney tissue of C2	null	null
D03	M	57	Kidney	Uninvolved kidney tissue of C3	null	null
D04	F	29	Kidney	Uninvolved kidney tissue of C4	null	null
D05	M	63	Kidney	Uninvolved kidney tissue of C5	null	null
D06	M	71	Kidney	Uninvolved kidney tissue of C6	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.



**Certified by:** Fancai Li, 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)