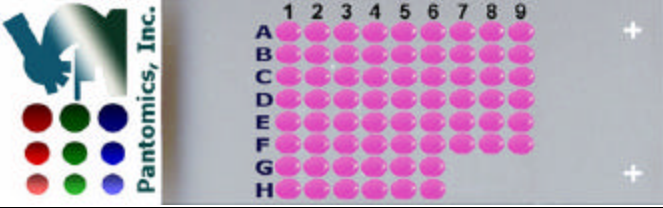


Cat No: **BLC661 - Bladder cancer tissue array**

Lot#	Cores	Size	Cut	Format	QA/QC
BLC66101	66	1.5mm	4um	8X9	H&E, IHC anti-Vimentin/Cytokeratin



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

Description: Bladder cancer tissue array, 66 cores including 29 cases of bladder cancers and 4 cases of uninvolved bladder tissues 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	Sex	Age	Anatomic site	Histology	Grade	Stage (TNM)
A1,B1	71	M	Bladder	Normal		
A2,B2	59	M	Bladder	Normal		
A3,B3	65	M	Bladder	Chronic cystitis		
A4,B4	51	F	Bladder	Chronic cystitis		
A5,B5	71	M	Bladder	Squamous cell carcinoma	I	T1N0M0
A6,B6	60	M	Bladder	Squamous cell carcinoma	I	T2N0M0
A7,B7	76	M	Bladder	Adenocarcinoma	II	T2N0M0
A8,B8	50	M	Bladder	Adenocarcinoma	II	T2N0M0
A9,B9	68	M	Bladder	Adenocarcinoma	III	T2N0M0
C1,D1	74	F	Bladder	Adenocarcinoma	III	T2N0M0
C2,D2	27	M	Bladder	Transitional cell carcinoma	I	TisN0M0
C3,D3	50	M	Bladder	Transitional cell carcinoma	I	T1N0M0
C4,D4	49	F	Bladder	Transitional cell carcinoma	I	T1N0M0
C5,D5	67	M	Bladder	Transitional cell carcinoma	I	T1N0M0
C6,D6	51	F	Bladder	Transitional cell carcinoma	I	T1N0M0
C7,D7	57	M	Bladder	Transitional cell carcinoma	I	T1N0M0
C8,D8	47	M	Bladder	Transitional cell carcinoma	II	T2N0M0
C9,D9	54	M	Bladder	Transitional cell carcinoma	II	T2N0M0
E1,F1	45	M	Bladder	Transitional cell carcinoma	II	T1N0M0
E2,F2	74	M	Bladder	Transitional cell carcinoma	II	T2N0M0
E3,F3	51	M	Bladder	Transitional cell carcinoma	II	T1N0M0
E4,F4	80	M	Bladder	Transitional cell carcinoma	II	T2N0M0
E5,F5	53	F	Bladder	Transitional cell carcinoma	II	T1N0M0
E6,F6	37	M	Bladder	Transitional cell carcinoma	II	T2N0M0
E7,F7	55	M	Bladder	Transitional cell carcinoma	II	T4N2MX
E8,F8	52	M	Bladder	Transitional cell carcinoma	II	T1N0M0
E9,F9	78	M	Bladder	Transitional cell carcinoma	III	T1N0M0
G1,H1	64	M	Bladder	Transitional cell carcinoma	III	T3N2M1
G2,H2	70	M	Bladder	Transitional cell carcinoma	III	T2N0M0
G3,H3	61	M	Bladder	Transitional cell carcinoma	III	T2N0M0
G4,H4	61	M	Bladder	Transitional cell carcinoma	III	T1N0M0
G5,H5	39	F	Bladder	Transitional cell carcinoma	III	T2N0M0
G6,H6	30	M	Bladder	Sarcoma		T2N0M0



Notes: Please bake the slides 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.

TNM Classification : Urinary bladder carcinoma

T Primary tumor

TX Primary tumor cannot be assessed

T0 No evidence of primary tumor

Ta Noninvasive papillary carcinoma

Tis Carcinoma in situ: "flat carcinoma"

T1 Tumor invades subepithelial connective tissue

T2 Tumor invades muscle

T2a Tumor invades superficial muscle (inner half)

T2b Tumor invades deep muscle (outer half)

T3 Tumor invades perivesical tissue

T3a microscopically

T3b macroscopically (extravesical mass)

T4 Tumor directly invades any of the followings: prostate, uterus, vagina, pelvic wall, abdominal wall

T4a Tumor invades prostate, uterus, vagina

T4b Tumor invades pelvic wall, abdominal wall

N Regional lymph nodes

NX Regional lymph nodes cannot be assessed

N0 No regional lymph node metastasis

N1 Metastasis in a single lymph nodes, 2 cm or less in greatest dimension

N2 Metastasis in a single lymph node more than 2 cm but not more than 5 cm in greatest dimension; or multiple lymph nodes, none more than 5 cm in greatest dimension

N3 Metastasis in a lymph node, more than 5 cm in greatest dimension

M Distant metastasis

MX Distant metastasis cannot be assessed

M0 No distant metastasis

M1 Distant metastasis

AJCC. Cancer Staging Manual. Sixth Edition (2002)