

*Reveal Biosciences offers Histochemical Staining, Immunohistochemistry (IHC), In Situ Hybridization (ISH), Whole Slide Imaging, and Quantitative Image Analysis on any TMA*

## BL01 - Bladder Cancer Tissue Microarray

	1	2	3	4	5	6	7	8	9	10	11	12	13
A	●	●	●	●	●	●	●	●	●	●	●	●	●
B	●	●	●	●	●	●	●	●	●	●	●	●	●
C	●	●	●	●	●	●	●	●	●	●	●	●	●
D	●	●	●	●	●	●	●	●	●	●	●	●	●
E	●	●	●	●	●	●	●	●	●	●	●	●	●
F	●	●	●	●	●	●	●	●	●	●	●	●	●
G	●	●	●	●	●	●	●	●	●	●	●	●	●
H	●	●	●	●	●	●	●	●	●	●	●	●	●

**Cases:** 102

**Cores:** 102

**Core Size:** 1.5mm

**Core Thickness:** 4um

**Format:** 8 x 13

**QA/QC:** H&E,  
IHC anti-Cytokeratin

● Inflammatory ● Malignant ● Orientation core

**Description:** Bladder cancer tissue array, 102 cases of normal benign (5 cases) and cancer (97 cases) tissues, with grading and TNM staging data.

All tissues were fixed in 10% neutral buffer formalin for 24 hours and processed using identical SOPs. Sections were picked onto Superfrost Plus or Startfrost Adhesive slides. All TMAs are cut fresh upon ordering. They all have a guaranteed six month shelf-life at 4 degrees Celsius from the date of shipment. Additional cores not listed are orientation markers and have no data. There may be <5% core loss per slide but the core retention rate should be >90%.

**Note:** Bake at 60°C for 30 minutes before use.

Pos.	Sex	Age	Anatomic Site	Pathology	Grade	Stage (TNM)
A01	M	55.0	Bladder, urinary	Chronic cystitis		
A02	M	59.0	Bladder, urinary	Chronic cystitis		
A03	F	55.0	Bladder, urinary	Chronic cystitis		
A04	F	46.0	Bladder, urinary	Chronic cystitis		
A05	M	44.0	Bladder, urinary	Chronic cystitis		
A06	M	57.0	Bladder, urinary	Transitional cell carcinoma	I	T1N0M0
A07	M	65.0	Bladder, urinary	Transitional cell carcinoma	I~II	T3N0M0
A08	F	39.0	Bladder, urinary	Transitional cell carcinoma	I	T1N0M0
A09	M	64.0	Bladder, urinary	Transitional cell carcinoma	I	T2N0M0
A10	M	75.0	Bladder, urinary	Transitional cell carcinoma	I	T1N0M0
A11	M	56.0	Bladder, urinary	Transitional cell carcinoma	II~III	T2N0M0
A12	F	53.0	Bladder, urinary	Transitional cell carcinoma	I~II	T1N0M0
A13	M	96.0	Bladder, urinary	Transitional cell carcinoma	I~II	T1N0M0
B01	F	65.0	Bladder, urinary	Transitional cell carcinoma	I~II	T1N0M0
B02	M	43.0	Bladder, urinary	Transitional cell carcinoma	I~II	T1N0M0
B03	F	40.0	Bladder, urinary	Transitional cell carcinoma	I~II	T1N0M0
B04	F	72.0	Bladder, urinary	Transitional cell carcinoma	I~II	T1N0M0
B05	M	55.0	Bladder, urinary	Transitional cell carcinoma	I~II	T2N0M0
B06	M	72.0	Bladder, urinary	Transitional cell carcinoma	I~II	T1N0M0
B07	M	57.0	Bladder, urinary	Transitional cell carcinoma	I~II	T2N0M0
B08	M	43.0	Bladder, urinary	Transitional cell carcinoma	I~II	T1N0M0
B09	M	74.0	Bladder, urinary	Transitional cell carcinoma	I~II	T3N0M0
B10	F	44.0	Bladder, urinary	Transitional cell carcinoma	I~II	T2N0M0
B11	M	71.0	Bladder, urinary	Transitional cell carcinoma	I~II	T1N0M0
B12	M	74.0	Bladder, urinary	Transitional cell carcinoma	I~II	T2N0M0
B13	M	44.0	Bladder, urinary	Transitional cell carcinoma	II	T1N0M0
C01	M	68.0	Bladder, urinary	Transitional cell carcinoma	II	T2N0M0
C02	M	52.0	Bladder, urinary	Transitional cell carcinoma	II	T1N0M0
C03	M	56.0	Bladder, urinary	Transitional cell carcinoma	II	T2N0M0
C04	M	30.0	Bladder, urinary	Transitional cell carcinoma	II	T1N0M0
C05	M	45.0	Bladder, urinary	Transitional cell carcinoma	II	T2N0M0
C06	M	89.0	Bladder, urinary	Transitional cell carcinoma	II	T1N0M0
C07	M	60.0	Bladder, urinary	Transitional cell carcinoma	II	T4N0M0

Pos.	Sex	Age	Anatomic Site	Pathology	Grade	Stage (TNM)
C08	M	78.0	Bladder, urinary	Transitional cell carcinoma	II	T1N0M0
C09	M	36.0	Bladder, urinary	Transitional cell carcinoma	II	T1N0M0
C10	M	61.0	Bladder, urinary	Transitional cell carcinoma	II	T3N0M0
C11	M	64.0	Bladder, urinary	Transitional cell carcinoma	II	T1N0M0
C12	M	76.0	Bladder, urinary	Transitional cell carcinoma	II	T1N0M0
C13	M	66.0	Bladder, urinary	Transitional cell carcinoma	II	T2N0M0
D01	M	81.0	Bladder, urinary	Transitional cell carcinoma	II	T2N0M0
D02	M	53.0	Bladder, urinary	Transitional cell carcinoma	II	T2N0M0
D03	M	57.0	Bladder, urinary	Transitional cell carcinoma	II	T2N0M0
D04	F	70.0	Bladder, urinary	Transitional cell carcinoma	II	T1N0M0
D05	M	60.0	Bladder, urinary	Transitional cell carcinoma	II	T2N0M0
D06	M	80.0	Bladder, urinary	Transitional cell carcinoma	II	T2N0M0
D07	M	78.0	Bladder, urinary	Transitional cell carcinoma	II~III	T2N0M0
D08	M	61.0	Bladder, urinary	Transitional cell carcinoma	II~III	T2N0M0
D09	M	55.0	Bladder, urinary	Transitional cell carcinoma	II~III	T2N0M0
D10	M	67.0	Bladder, urinary	Transitional cell carcinoma	II~III	T2N0M0
D11	M	61.0	Bladder, urinary	Transitional cell carcinoma	II~III	T4N0M0
D12	M	67.0	Bladder, urinary	Transitional cell carcinoma	II~III	T2N0M0
D13	M	80.0	Bladder, urinary	Transitional cell carcinoma	II~III	T2N0M0
E01	M	63.0	Bladder, urinary	Transitional cell carcinoma	II~III	T1N0M0
E02	M	69.0	Bladder, urinary	Transitional cell carcinoma	II~III	T2N0M0
E03	M	60.0	Bladder, urinary	Transitional cell carcinoma	II~III	T1N0M0
E04	F	73.0	Bladder, urinary	Transitional cell carcinoma	II~III	T1N0M0
E05	M	67.0	Bladder, urinary	Transitional cell carcinoma	II~III	T2N0M0
E06	M	76.0	Bladder, urinary	Transitional cell carcinoma	III	T2N0M0
E07	M	37.0	Bladder, urinary	Transitional cell carcinoma	III	T2N0M0
E08	M	70.0	Bladder, urinary	Transitional cell carcinoma	III	T2N0M0
E09	M	61.0	Bladder, urinary	Transitional cell carcinoma	III	T3N0M0
E10	M	41.0	Bladder, urinary	Transitional cell carcinoma	III	T4N0M0
E11	F	39.0	Bladder, urinary	Transitional cell carcinoma	III	T2N0M0
E12	M	75.0	Bladder, urinary	Transitional cell carcinoma	III	T2N0M0
E13	M	67.0	Bladder, urinary	Transitional cell carcinoma	III	T3N0M0
F01	M	69.0	Bladder, urinary	Transitional cell carcinoma	III	T2N0M0

Pos.	Sex	Age	Anatomic Site	Pathology	Grade	Stage (TNM)
F02	M	69.0	Bladder, urinary	Transitional cell carcinoma	III	T3N0M0
F03	M	68.0	Bladder, urinary	Transitional cell carcinoma	III	T2N0M0
F04	M	68.0	Bladder, urinary	Transitional cell carcinoma	III	T2N1M0
F05	M	74.0	Bladder, urinary	Transitional cell carcinoma	III	T2N1M0
F06	M	68.0	Bladder, urinary	Transitional cell carcinoma	III	T2N0M0
F07	M	78.0	Bladder, urinary	Transitional cell carcinoma	III	T3N0M0
F08	M	78.0	Bladder, urinary	Transitional cell carcinoma	IV	T3N0M0
F09	M	60.0	Bladder, urinary	Squamous cell carcinoma	I	T2N0M0
F10	M	71.0	Bladder, urinary	Squamous cell carcinoma	I~II	T2N0M0
F11	M	79.0	Bladder, urinary	Squamous cell carcinoma	II	T3N0M0
F12	M	58.0	Bladder, urinary	Squamous cell carcinoma	II~III	T3N1M0
F13	M	75.0	Bladder, urinary	Squamous cell carcinoma	III	T3N0M0
G01	M	73.0	Bladder, urinary	Adenocarcinoma	III	T2N0M0
G02	F	68.0	Bladder, urinary	Adenocarcinoma	III	T2N0M0
G03	M	68.0	Bladder, urinary	Adenocarcinoma	I~II	T2N0M0
G04	M	29.0	Bladder, urinary	Adenocarcinoma	II	T3N0M0
G05	M	50.0	Bladder, urinary	Adenocarcinoma	II	T3N0M0
G06	M	63.0	Bladder, urinary	Adenocarcinoma	II	T2N0M0
G07	F	70.0	Bladder, urinary	Adenocarcinoma	II	T2N0M0
G08	M	45.0	Bladder, urinary	Adenocarcinoma	II	T2N0M0
G09	M	35.0	Bladder, urinary	Adenocarcinoma	II~III	T3N0M0
G10	M	62.0	Bladder, urinary	Adenocarcinoma	II~III	T2N1M0
G11	M	78.0	Bladder, urinary	Adenocarcinoma	III	T3N0M0
G12	M	70.0	Bladder, urinary	Adenocarcinoma	III	T2N0M0
H01	M	68.0	Bladder, urinary	Adenocarcinoma	III	T2N0M0
H02	F	74.0	Bladder, urinary	Adenocarcinoma	III	T2N1M0
H03	M	50.0	Bladder, urinary	Adenocarcinoma	III	T2N0M0
H04	F	44.0	Bladder, urinary	Mucinous adenocarcinoma		T2N0M0
H05	M	68.0	Bladder, urinary	Adenocarcinoma	II	T1N0M0
H06	M	33.0	Bladder, urinary	Mucinous adenocarcinoma		T3N0M0
H07	M	62.0	Bladder, urinary	Adenosquamous carcinoma		T2N0M0
H08	M	72.0	Bladder, urinary	Transitional cell carcinoma	I~II	T2N0M0
H09	F	54.0	Bladder, urinary	Squamous cell carcinoma	III	T2N0M0

<b>Pos.</b>	<b>Sex</b>	<b>Age</b>	<b>Anatomic Site</b>	<b>Pathology</b>	<b>Grade</b>	<b>Stage (TNM)</b>
H10	F	75.0	Bladder, urinary	Carcinosarcoma		
H11	F	68.0	Bladder, urinary	Carcinosarcoma		
H12	M	5.0	Bladder, urinary	Rhabdomyosarcoma, embryonal		