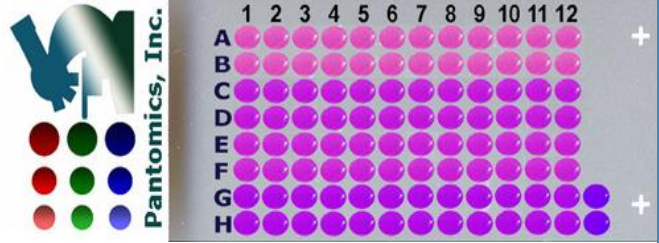


Cat No: PRC961 - Prostate cancer tissue array

Lot#	Cores	Size	Cut	Format	QA/QC	Pantomics, Inc.	
PRC96101	96	1.5mm	4um	12X8	H&E, IHC anti-Cytokeratin		

Recommended applications: For research use only. Designed for IHC or ISH based protein or RNA tissue profiling in evolution and progression of prostate cancers.

Description: Prostate cancer tissue array, 48 cases from hyperplastic and cancer tissues with progressive changes and TNM stages 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 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	M	67	Prostate	Hyperplasia	null	null
A02	M	66	Prostate	Hyperplasia	null	null
A03	M	71	Prostate	Hyperplasia	null	null
A04	M	68	Prostate	Hyperplasia	null	null
A05	M	67	Prostate	Hyperplasia	null	null
A06	M	58	Prostate	Hyperplasia	null	null
A07	M	78	Prostate	Hyperplasia	null	null
A08	M	60	Prostate	Hyperplasia	null	null
A09	M	67	Prostate	Hyperplasia	null	null
A10	M	69	Prostate	Hyperplasia	null	null
A11	M	79	Prostate	Hyperplasia	null	null
A12	M	70	Prostate	Hyperplasia	null	null
B01	M	67	Prostate	Hyperplasia	null	null
B02	M	66	Prostate	Hyperplasia	null	null
B03	M	71	Prostate	Hyperplasia	null	null
B04	M	68	Prostate	Hyperplasia	null	null
B05	M	67	Prostate	Hyperplasia	null	null
B06	M	58	Prostate	Hyperplasia	null	null
B07	M	78	Prostate	Hyperplasia	null	null
B08	M	60	Prostate	Hyperplasia	null	null
B09	M	67	Prostate	Hyperplasia	null	null
B10	M	69	Prostate	Hyperplasia	null	null
B11	M	68	Prostate	Hyperplasia	null	null
B12	M	70	Prostate	Hyperplasia	null	null
C01	M	74	Prostate	Adenocarcinoma	null	T2N0M0
C02	M	59	Prostate	Adenocarcinoma	I	T2N0M0
C03	M	69	Prostate	Adenocarcinoma	null	T1N0M0
C04	M	77	Prostate	Adenocarcinoma	null	T2N0M0
C05	M	60	Prostate	Adenocarcinoma	II	T2N0M0
C06	M	76	Prostate	Adenocarcinoma	II	T2N0M0
C07	M	79	Prostate	Adenocarcinoma	II	T2N0M0
C08	M	73	Prostate	Adenocarcinoma	II	T2N0M0
C09	M	73	Prostate	Adenocarcinoma	II	T1N0M0
C10	M	88	Prostate	Adenocarcinoma	II	T2N0M0
C11	M	69	Prostate	Adenocarcinoma	III	T2N0M0
C12	M	63	Prostate	Adenocarcinoma	III	T3N0M0
D01	M	74	Prostate	Adenocarcinoma	null	T2N0M0



Advancing Biomedical Science Through Tissue Arrays

D02	M	59	Prostate	Adenocarcinoma	I	T2N0M0
D03	M	69	Prostate	Adenocarcinoma	null	T1N0M0
D04	M	77	Prostate	Adenocarcinoma	null	T2N0M0
D05	M	60	Prostate	Adenocarcinoma	II	T2N0M0
D06	M	76	Prostate	Adenocarcinoma	II	T2N0M0
D07	M	79	Prostate	Adenocarcinoma	II	T2N0M0
D08	M	73	Prostate	Adenocarcinoma	II	T2N0M0
D09	M	73	Prostate	Adenocarcinoma	II	T1N0M0
D10	M	88	Prostate	Adenocarcinoma	II	T2N0M0
D11	M	69	Prostate	Adenocarcinoma	III	T2N0M0
D12	M	63	Prostate	Adenocarcinoma	III	T3N0M0
E01	M	67	Prostate	Adenocarcinoma	II~III	T2N0M0
E02	M	70	Prostate	Adenocarcinoma	null	T2N0M0
E03	M	70	Prostate	Adenocarcinoma	II	T2N0M0
E04	M	77	Prostate	Adenocarcinoma	III	T2N0M0
E05	M	75	Prostate	Adenocarcinoma	II	T2N0M0
E06	M	51	Prostate	Adenocarcinoma	null	T3N1M0
E07	M	54	Prostate	Adenocarcinoma	II	T1N0M0
E08	M	77	Prostate	Adenocarcinoma	II	T2N0M0
E09	M	78	Prostate	Adenocarcinoma	null	T2N0M0
E10	M	77	Prostate	Adenocarcinoma	II	T2N0M0
E11	M	77	Prostate	Adenocarcinoma	II~III	T1N0M0
E12	M	73	Prostate	Adenocarcinoma	null	T2N0M0
F01	M	67	Prostate	Adenocarcinoma	II~III	T2N0M0
F02	M	70	Prostate	Adenocarcinoma	null	T2N0M0
F03	M	70	Prostate	Adenocarcinoma	II	T2N0M0
F04	M	77	Prostate	Adenocarcinoma	III	T2N0M0
F05	M	75	Prostate	Adenocarcinoma	II	T2N0M0
F06	M	51	Prostate	Adenocarcinoma	null	T3N1M0
F07	M	54	Prostate	Adenocarcinoma	II	T1N0M0
F08	M	77	Prostate	Adenocarcinoma	II	T2N0M0
F09	M	78	Prostate	Adenocarcinoma	null	T2N0M0
F10	M	77	Prostate	Adenocarcinoma	II	T2N0M0
F11	M	77	Prostate	Adenocarcinoma	II~III	T1N0M0
F12	M	73	Prostate	Adenocarcinoma	null	T2N0M0
G01	M	75	Prostate	Adenocarcinoma	III	T2N0M0
G02	M	70	Prostate	Adenocarcinoma	III	T2N0M0
G03	M	79	Prostate	Adenocarcinoma	null	T2N0M0
G04	M	55	Prostate	Adenocarcinoma	II	T2N0M0
G05	M	84	Prostate	Adenocarcinoma	III	T1N0M0
G06	M	73	Prostate	Adenocarcinoma	II~III	T2N0M0
G07	M	73	Prostate	Adenocarcinoma	III	T2N0M0
G08	M	77	Prostate	Adenocarcinoma	II~III	T2N0M0
G09	M	78	Prostate	Adenocarcinoma	null	T2N0M0
G10	M	68	Prostate	Adenocarcinoma	III	T2N0M0
G11	M	78	Prostate	Adenocarcinoma	III	T2N0M0
G12	M	74	Prostate	Adenocarcinoma	III	T3N0M0
H01	M	75	Prostate	Adenocarcinoma	III	T2N0M0
H02	M	70	Prostate	Adenocarcinoma	III	T2N0M0
H03	M	79	Prostate	Adenocarcinoma	null	T2N0M0
H04	M	55	Prostate	Adenocarcinoma	II	T2N0M0
H05	M	84	Prostate	Adenocarcinoma	III	T1N0M0
H06	M	73	Prostate	Adenocarcinoma	II~III	T2N0M0
H07	M	73	Prostate	Adenocarcinoma	III	T2N0M0
H08	M	77	Prostate	Adenocarcinoma	II~III	T2N0M0
H09	M	78	Prostate	Adenocarcinoma	null	T2N0M0
H10	M	68	Prostate	Adenocarcinoma	III	T2N0M0
H11	M	78	Prostate	Adenocarcinoma	III	T2N0M0
H12	M	74	Prostate	Adenocarcinoma	III	T3N0M0

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. For availability of complimentary IHC data, please contact us at info@pantomics.com.

* - Cores may be missing due to the nature of the tumor.

Certified by: Langxing Pan, M.D.

TNM Classification: Prostate carcinoma

T- Primary tumor

TX - Primary tumor cannot be assessed

TO - No evidence of primary tumor

T1 - Clinically inapparent tumor not palpable or visible by imaging

T1a - Tumor incidental histologic findings in 5% or less of tissue resected

T1 b - Tumor incidental histologic findings in more than 5% of tissue resected

T1c - Tumor identified by needle biopsy

T2 - Tumor confined within the prostate

T2a - Tumor involves one lobe

T2b - Tumor involves two lobes

T3 - Tumor extends through the prostate capsule

T3a - Extracapsular extension

T3b - Tumor invades seminal vesicle

T4 - Tumor is fixed or invades adjacent structures other than seminal vesicle:

(bladder neck, external sphincter, rectum, levator muscle and/or pelvic wall)

N - Regional lymph nodes

NX - Regional lymph nodes cannot be assessed

NO - No regional lymph node metastasis

N1 - Regional lymph node metastasis

M - Distant metastasis

MX - Distant metastasis cannot be assessed

MO - No distant metastasis

M1 - Distant metastasis

M1a - Non-regional lymph node(s)

M1b-Bone(s)

M1c-Other site(s)

TNM classification of malignant tumours, Fifth Edition (1997)