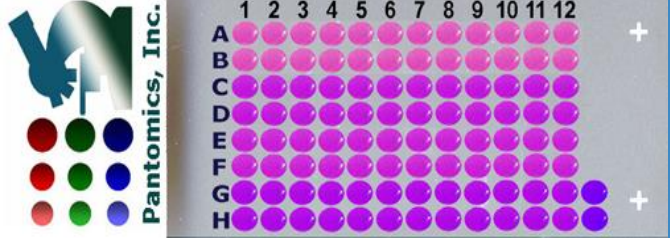


Cat No: PRD961 - Common diseases of the prostate, 48 cases (1.5mm)

Lot#	Cores	Size	Cut	Format	QA/QC	Pantomics, Inc.	
PRD96101	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 common diseases of the prostate.

Description: Prostate disease tissue array, 48 cases of normal, hyperplastic and neoplastic prostate 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 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	Pathology	Nature	Grade	Gleason	TNM
A01	M	72	Hyperplasia	Hyperplasia			
A02	M	85	Hyperplasia	Hyperplasia			
A03	M	67	Hyperplasia	Hyperplasia			
A04	M	63	Hyperplasia	Hyperplasia			
A05	M	76	Hyperplasia	Hyperplasia			
A06	M	73	Hyperplasia	Hyperplasia			
A07	M	58	Hyperplasia	Hyperplasia			
A08	M	65	Hyperplasia	Hyperplasia			
A09	M	80	Hyperplasia	Hyperplasia			
A10	M	68	Hyperplasia	Hyperplasia			
A11	M	70	Hyperplasia	Hyperplasia			
A12	M	66	Hyperplasia	Hyperplasia			
B01	M	72	Hyperplasia	Hyperplasia			
B02	M	85	Hyperplasia	Hyperplasia			
B03	M	67	Hyperplasia	Hyperplasia			
B04	M	63	Hyperplasia	Hyperplasia			
B05	M	76	Hyperplasia	Hyperplasia			
B06	M	73	Hyperplasia	Hyperplasia			
B07	M	58	Hyperplasia	Hyperplasia			
B08	M	65	Hyperplasia	Hyperplasia			
B09	M	80	Hyperplasia	Hyperplasia			
B10	M	68	Hyperplasia	Hyperplasia			
B11	M	70	Hyperplasia	Hyperplasia			
B12	M	66	Hyperplasia	Hyperplasia			
C01	M	65	Hyperplasia	Hyperplasia			
C02	M	64	Hyperplasia	Hyperplasia			
C03	M	61	Hyperplasia	Hyperplasia			
C04	M	74	Hyperplasia	Hyperplasia			
C05	M	68	Hyperplasia	Hyperplasia			
C06	M	71	Hyperplasia	Hyperplasia			
C07	M	73	Hyperplasia	Hyperplasia			
C08	M	63	Hyperplasia	Hyperplasia			
C09	M	76	Hyperplasia	Hyperplasia			
C10	M	66	Hyperplasia	Hyperplasia			
C11	M	68	Hyperplasia	Hyperplasia			
C12	M	82	Hyperplasia	Hyperplasia			
D01	M	65	Hyperplasia	Hyperplasia			
D02	M	64	Hyperplasia	Hyperplasia			
D03	M	61	Hyperplasia	Hyperplasia			



Advancing Biomedical Science Through Tissue Arrays

D04	M	74	Hyperplasia	Hyperplasia			
D05	M	68	Hyperplasia	Hyperplasia			
D06	M	71	Hyperplasia	Hyperplasia			
D07	M	73	Hyperplasia	Hyperplasia			
D08	M	63	Hyperplasia	Hyperplasia			
D09	M	76	Hyperplasia	Hyperplasia			
D10	M	66	Hyperplasia	Hyperplasia			
D11	M	68	Hyperplasia	Hyperplasia			
D12	M	82	Hyperplasia	Hyperplasia			
E01	M	76	Hyperplasia	Hyperplasia			
E02	M	63	Hyperplasia	Hyperplasia			
E03	M	74	Hyperplasia	Hyperplasia			
E04	M	60	Hyperplasia	Hyperplasia			
E05	M	83	Hyperplasia	Hyperplasia			
E06	M	76	Hyperplasia	Hyperplasia			
E07	M	77	Hyperplasia	Hyperplasia			
E08	M	75	Hyperplasia	Hyperplasia			
E09	M	64	Hyperplasia	Hyperplasia			
E10	M	65	Hyperplasia	Hyperplasia			
E11	M	68	Leiomyoma	Benign			
E12	M	43	Leiomyoma	Benign			
F01	M	76	Hyperplasia	Hyperplasia			
F02	M	63	Hyperplasia	Hyperplasia			
F03	M	74	Hyperplasia	Hyperplasia			
F04	M	60	Hyperplasia	Hyperplasia			
F05	M	83	Hyperplasia	Hyperplasia			
F06	M	76	Hyperplasia	Hyperplasia			
F07	M	77	Hyperplasia	Hyperplasia			
F08	M	75	Hyperplasia	Hyperplasia			
F09	M	64	Hyperplasia	Hyperplasia			
F10	M	65	Hyperplasia	Hyperplasia			
F11	M	68	Leiomyoma	Benign			
F12	M	43	Leiomyoma	Benign			
G01	M	67	Adenocarcinoma	Malignant	I	3	T2N0M0
G02	M	51	Adenocarcinoma	Malignant	II	7	T3N1M0
G03	M	79	Adenocarcinoma	Malignant	II	6	T2N0M0
G04	M	71	Adenocarcinoma	Malignant	II	5	T3N1M0
G05	M	75	Adenocarcinoma	Malignant	II	7	T2N0M0
G06	M	73	Adenocarcinoma	Malignant	II	6	T2N0M0
G07	M	76	Adenocarcinoma	Malignant	II	6	T2N0M0
G08	M	76	Adenocarcinoma	Malignant	II	7	T1N0M0
G09	M	66	Adenocarcinoma	Malignant	III	8	T1N0M0
G10	M	73	Adenocarcinoma	Malignant	III	8	T2N0M0
G11	M	85	Adenocarcinoma	Malignant	III	9	T2N0M0
G12	M	71	Adenocarcinoma	Malignant	III	8	T2N0M0
H01	M	67	Adenocarcinoma	Malignant	I	3	T2N0M0
H02	M	51	Adenocarcinoma	Malignant	II	7	T3N1M0
H03	M	79	Adenocarcinoma	Malignant	II	6	T2N0M0
H04	M	71	Adenocarcinoma	Malignant	II	5	T3N1M0
H05	M	75	Adenocarcinoma	Malignant	II	7	T2N0M0
H06	M	73	Adenocarcinoma	Malignant	II	6	T2N0M0
H07	M	76	Adenocarcinoma	Malignant	II	6	T2N0M0
H08	M	76	Adenocarcinoma	Malignant	II	7	T1N0M0
H09	M	66	Adenocarcinoma	Malignant	III	8	T1N0M0
H10	M	73	Adenocarcinoma	Malignant	III	8	T2N0M0
H11	M	85	Adenocarcinoma	Malignant	III	9	T2N0M0
H12	M	71	Adenocarcinoma	Malignant	III	8	T2N0M0

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)