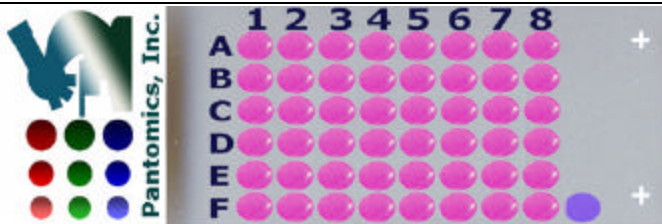


Cat No: **PRC481** – Prostate cancer tissue array

Lot#	Cores	Size	Cut	Format	QA/QC	
PRC48101	48	1.5mm	4um	6X8	H&E, IHC anti-Cytokeratin	

Recommended applications: For research use only. RNA or protein tissue profiling using IHC or ISH suitable for prostate cancer related studies.

Description: Prostate tumor tissue array including duplicated 24 cases of normal, reactive and cancerous tissues of the prostate. 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.

Array position	Sex	Age	Pathology	Grade	Stage (TNM)	Gleason Score	Anatomic site
A1,B1	M	55	Normal				Prostate
A2,B2	M	76	Chronic prostatitis				Prostate
A3,B3	M	54	Chronic prostatitis				Prostate
A4,B4	M	55	Hyperplasia				Prostate
A5,B5	M	65	Hyperplasia				Prostate
A6,B6	M	65	Hyperplasia				Prostate
A7,B7	M	64	Hyperplasia				Prostate
A8,B8	M	84	Hyperplasia				Prostate
C1,D1	M	68	Leiomyoma				Prostate
C2,D2	M	61	Adenocarcinoma	I~II	T2N0M0	1+4=5	Prostate
C3,D3	M	54	Transitional cell carcinoma	II	T1N0M0		Prostate
C4,D4	M	60	Adenocarcinoma	II	T1N0M0	3+4=7	Prostate
C5,D5	M	26	Adenocarcinoma	II	T1N0M0	2+3=5	Prostate
C6,D6	M	26	Adenocarcinoma	II	T2N0M0	2+3=5	Prostate
C7,D7	M	88	Adenocarcinoma	II	T2N0M0	1+2=3	Prostate
C8,D8	M	75	Adenocarcinoma	II	T1N0M0	2+3=5	Prostate
E1,F1	M	68	Hyperplasia				Prostate
E2,F2	M	72	Adenocarcinoma	III	T2N0M0	4+5=9	Prostate
E3,F3	M	47	Adenocarcinoma	III	T2N0M0	4+5=9	Prostate
E4,F4	M	82	Adenocarcinoma	III	T2N0M0	2+4=6	Prostate
E5,F5	M	77	Adenocarcinoma	III	T2N0M0	4+5=9	Prostate
E6,F6	M	72	Adenocarcinoma	III	T2N0M0	3+4=7	Prostate
E7,F7	M	72	Adenocarcinoma	III	T2N0M0	3+4=7	Prostate
E8,F8	M	65	Metastatic cancer from the rectum				Prostate

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: Fancai Li, 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)