

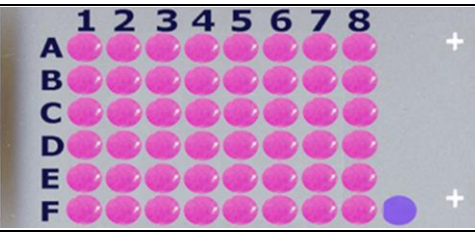


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Advancing Biomedical Science Through Tissue Arrays

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 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	68	Prostate	Normal, hyperplasia	null	null
A02	M	76	Prostate	Chronic prostatitis	null	null
A03	M	54	Prostate	Chronic prostatitis	null	null
A04	M	55	Prostate	Hyperplasia	null	null
A05	M	65	Prostate	Hyperplasia	null	null
A06	M	65	Prostate	Hyperplasia	null	null
A07	M	64	Prostate	Hyperplasia	null	null
A08	M	84	Prostate	Hyperplasia	null	null
B01	M	68	Prostate	Normal, hyperplasia	null	null
B02	M	76	Prostate	Chronic prostatitis	null	null
B03	M	54	Prostate	Chronic prostatitis	null	null
B04	M	55	Prostate	Hyperplasia	null	null
B05	M	65	Prostate	Hyperplasia	null	null
B06	M	65	Prostate	Hyperplasia	null	null
B07	M	64	Prostate	Hyperplasia	null	null
B08	M	84	Prostate	Hyperplasia	null	null
C01	M	68	Prostate	Leiomyoma	null	null
C02	M	61	Prostate	Adenocarcinoma	I~II	T2N0M0
C03	M	73	Prostate	Adenocarcinoma	II	T2N0M0
C04	M	60	Prostate	Adenocarcinoma	II	T2N0M0
C05	M	76	Prostate	Adenocarcinoma	II	T1N0M0
C06	M	76	Prostate	Adenocarcinoma	II	T2N0M0
C07	M	88	Prostate	Adenocarcinoma	II	T2N0M0
C08	M	77	Prostate	Adenocarcinoma	II	T2N0M0
D01	M	68	Prostate	Leiomyoma	null	null
D02	M	61	Prostate	Adenocarcinoma	I~II	T2N0M0
D03	M	73	Prostate	Adenocarcinoma	II	T2N0M0
D04	M	60	Prostate	Adenocarcinoma	II	T2N0M0
D05	M	76	Prostate	Adenocarcinoma	II	T1N0M0
D06	M	76	Prostate	Adenocarcinoma	II	T2N0M0
D07	M	88	Prostate	Adenocarcinoma	II	T2N0M0
D08	M	77	Prostate	Adenocarcinoma	II	T2N0M0
E01	M	77	Prostate	Adenocarcinoma	II~III	T2N0M0
E02	M	72	Prostate	Adenocarcinoma	III	T2N0M0
E03	M	63	Prostate	Adenocarcinoma	III	T3N0M0
E04	M	82	Prostate	Adenocarcinoma	III	T2N0M0
E05	M	77	Prostate	Adenocarcinoma	III	T2N0M0
E06	M	72	Prostate	Adenocarcinoma	III	T2N0M0
E07	M	72	Prostate	Adenocarcinoma	III	T2N0M0

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E08	M	65	Prostate	Metastatic rectum adenocarcinoma	null	null
F01	M	77	Prostate	Adenocarcinoma	II~III	T2N0M0
F02	M	72	Prostate	Adenocarcinoma	III	T2N0M0
F03	M	63	Prostate	Adenocarcinoma	III	T3N0M0
F04	M	82	Prostate	Adenocarcinoma	III	T2N0M0
F05	M	77	Prostate	Adenocarcinoma	III	T2N0M0
F06	M	72	Prostate	Adenocarcinoma	III	T2N0M0
F07	M	72	Prostate	Adenocarcinoma	III	T2N0M0
F08	M	65	Prostate	Metastatic rectum adenocarcinoma	null	null

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.

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



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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)