

Data Sheet

Product Name: Prostate Tumor Tissue Array - 16 cases of prostate tumors and 8 cases of normal and reactive prostate tissues.

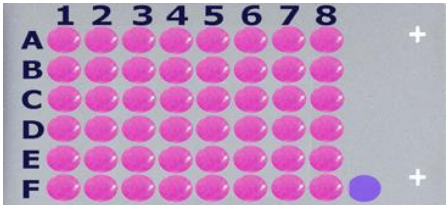
Catalog No.: Z7020091

Lot No.: C507010

Species: Human Mouse Rat Monkey (Rh) Guinea Pig Porcine
 Bovine Hamster Dog Monkey (Cy) Rabbit Plant

Tissue Type: Normal Adult Fetal Tumor Disease Cell line

Tissue Array Diagram:

Cores	Size	Cut	Format	QA/QC	
48	1.5 mm	4 µm	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 4°C from the date of shipment. There may be >5% tissue core loss, but the core retaining rate should be >90%.

Position	Sex	Age	Anatomic Site	Pathology	Grade	Stage (TNM)
A01	M	68	Prostate	Normal, hyperplasia		
A02	M	76	Prostate	Chronic prostatitis		
A03	M	54	Prostate	Chronic prostatitis		
A04	M	55	Prostate	Hyperplasia		
A05	M	65	Prostate	Hyperplasia		
A06	M	65	Prostate	Hyperplasia		
A07	M	64	Prostate	Hyperplasia		
A08	M	84	Prostate	Hyperplasia		
B01	M	68	Prostate	Normal, hyperplasia		
B02	M	76	Prostate	Chronic prostatitis		
B03	M	54	Prostate	Chronic prostatitis		
B04	M	55	Prostate	Hyperplasia		
B05	M	65	Prostate	Hyperplasia		
B06	M	65	Prostate	Hyperplasia		
B07	M	64	Prostate	Hyperplasia		
B08	M	84	Prostate	Hyperplasia		
C01	M	68	Prostate	Leiomyoma		
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		
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
E08	M	65	Prostate	Metastatic rectum adenocarcinoma		
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		

Notes: Please bake the slides at 60°C 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.

TNM Classification: Prostate carcinoma

T- Primary tumor

- TX - Primary tumor cannot be assessed
- T0 - 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
- N0 - No regional lymph node metastasis
- N1 - Regional lymph node metastasis

M - Distant metastasis

- MX - Distant metastasis cannot be assessed
- M0 - 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)

FOR IN VITRO RESEARCH USE ONLY

APPROVED BY: _____

