

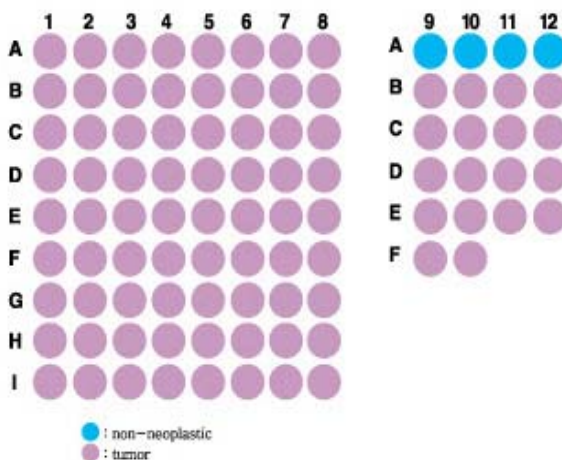
**Specifications:**

- No. of cases: 45
- Tissue type: Prostate cancer tissues
- No. of spots: 2 spots from each cancer case (90 spots)  
4 non-neoplastic spots (4 spots)
- Total spots: 94
- Corresponding normal tissues with cancers: Yes
- Diameter: 1.0 mm

**Documents:**

- Product specification: layout, summary of tissue spots
- H&E stained images
- Detailed pathological information

**Layout:**



## Summary of tissue spots

No.	Coordinate	Age	Key Word	G	V	Size	L	Z	Stage		
1	A	1, 2	59	Adenocarcinoma	6	5	2	l	p	2	
2		3, 4	62	Adenocarcinoma	6	5	1	b	p	2	
3		5, 6	62	Adenocarcinoma	6	5	0.9	b	p	2	
4		7, 8	78	Adenocarcinoma	7	20	3	b	pt	2	
5		9		Non-neoplastic from A3, 4							
6		10		Non-neoplastic from B5, 6							
7		11		Non-neoplastic from G1, 2							
8		12		Non-neoplastic from I5, 6							
9	B	1, 2	64	Adenocarcinoma	7	20	4	b	p	2	
10		3, 4	69	Adenocarcinoma	7	15	1.7	b	pt	2	
11		5, 6	67	Adenocarcinoma	7	30		b	p	2	
12		7, 8	67	Adenocarcinoma	7	10	2	l	p	2	
13		9, 10	57	Adenocarcinoma	9	40	4	b	p	2	
14		11, 12	53	Adenocarcinoma	9	5	1.3	r	p	2	
15	C	1, 2	62	Adenocarcinoma	7	15	2	b	p	2	
16		3, 4	68	Adenocarcinoma	7	5	1	b	p	2	
17		5, 6	58	Adenocarcinoma	7	10	1.3	b	p	2	
18		7, 8	73	Adenocarcinoma	7	10	2	b	pt	2	
19		9, 10	46	Adenocarcinoma	9	30	2.4	b	t	2	
20		11, 12	66	Adenocarcinoma	9	20	2.5	b	pt	2	
21	D	1, 2	58	Adenocarcinoma	7	5	1.1	b	p	2	
22		3, 4	60	Adenocarcinoma	7	5	1.1	l	p	2	
23		5, 6	64	Adenocarcinoma	7	5	1.2	r	p	2	
24		7, 8	68	Adenocarcinoma	7	10	2	b	p	2	
25		9, 10	64	Adenocarcinoma	7	40	2.8	b	pt	3	
26		11, 12	64	Adenocarcinoma	7	15	2.2	b	pt	3	
27	E	1, 2	62	Adenocarcinoma	7	10	1.7	b	p	2	
28		3, 4	59	Adenocarcinoma	7	10	1.8	b	t	2	
29		5, 6	63	Adenocarcinoma	7	15	1.8	b	p	2	
30		7, 8	57	Adenocarcinoma	7	10	1.2	r	tc	2	
31		9, 10	64	Adenocarcinoma	9	60	2.5	b	p	3	
32		11, 12	65	Adenocarcinoma	9	90	6	b	e	3	

## Summary of tissue spots

No.	Coordinate	Age	Key Word	G	V	Size	L	Z	Stage	
33	F	1, 2	67	Adenocarcinoma	7	10	2.5	r	p	2
34		3, 4	61	Adenocarcinoma	7	10	2.2	b	p	2
35		5, 6	70	Adenocarcinoma	7	20	2.5	b	p	2
36		7, 8	66	Adenocarcinoma	8	10	1.4	b	p	2
37		9, 10	68	Adenocarcinoma	9	20	2.6	b	p	3
38	G	1, 2	64	Adenocarcinoma	8	15	2.5	b	p	2
39		3, 4	70	Adenocarcinoma	8	15	4	b	p	2
40		5, 6	56	Adenocarcinoma	8	15	1.8	b	p	2
41		7, 8	57	Adenocarcinoma	8	30	4.2	b	p	2
42	H	1, 2	68	Adenocarcinoma	8	10	1.4	r	p	2
43		3, 4	53	Adenocarcinoma	8	25		r	p	2
44		5, 6	71	Adenocarcinoma	9	15	2	b	pc	2
45		7, 8	51	Adenocarcinoma	9	20	2.1	b	p	2
46	I	1, 2	69	Adenocarcinoma	9	20	3	b	pt	2
47		3, 4	68	Adenocarcinoma	9	70	4	b	pt	2
48		5, 6	60	Adenocarcinoma	9	25	2.4	l	p	2
49		7, 8	62	Adenocarcinoma	9	20	2.7	b	p	2

G: Gleason score

V: volume (%)

Size: (cm)

L: location of tumor, r: right: left, b: bilateral

Z: zone, p: peripheral zone, t: transitional zone, c: central zone, e: entire

Prostatectomy : An operation to remove part or all of the prostate.

PNi: perineural invasion

A: apex

B: base

SV: seminal vesicle

PIN: high grade prostatic intraepithelial neoplasm

LN: lymph node

PSA: plasm psa level

Multi: the number of separate tumors, blank: 1

### Stage:

I : There is no evidence that the cancer has spread outside the prostate.

II : There is no evidence that the cancer has spread outside the prostate.

The tumor involves more tissue w ithin the prostate,

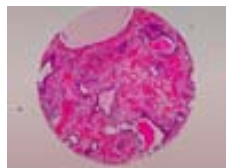
it can be felt during rectal exam,

or it is found w ith a biopsy that is done because of a high PSA level.

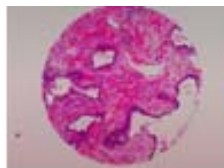
III : The cancer has spread outside the prostate to nearby tissues.

IV : The cancer has spread to lymph node or to other parts of the body.

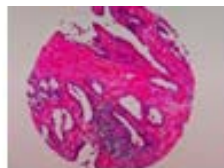
**QC sheet\_LOT#122120312171**  
**Hematoxylin and Eosin staining**



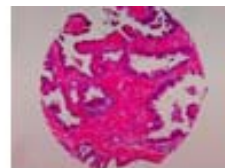
A1



A2



A3



A4



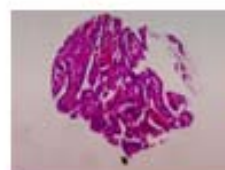
A5



A6



A7



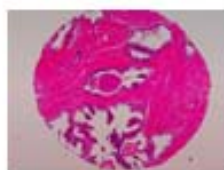
A8



A9



A10



A11



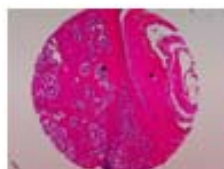
A12



B1



B2



B3



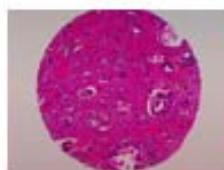
B4



B5



B6



B7



B8



B9



B10



B11



B12

**QC sheet\_LOT#122120312171**  
**Hematoxylin and Eosin staining**



C1



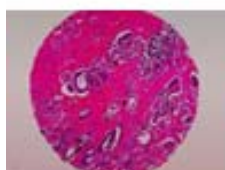
C2



C3



C4



C5



C6



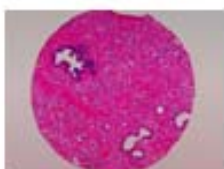
C7



C8



C9



C10



C11



C12



D1



D2



D3



D4



D5



D6



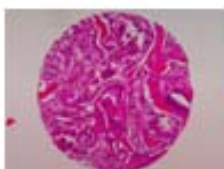
D7



D8



D9



D10



D11



D12

**QC sheet\_LOT#122120312171**  
**Hematoxylin and Eosin staining**



E1



E2



E3



E4



E5



E6



E7



E8



E9



E10



E11



E12



F1



F2



F3



F4



F5



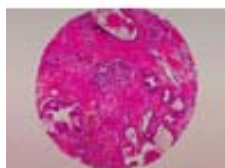
F6



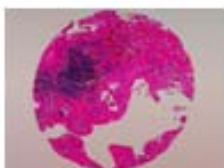
F7



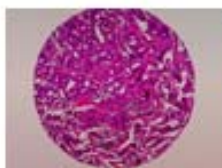
F8



F9



F10



G1



G2

**QC sheet\_LOT#122120312171**  
**Hematoxylin and Eosin staining**



G3



G4



G5



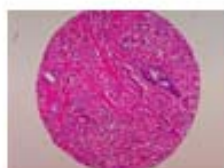
G6



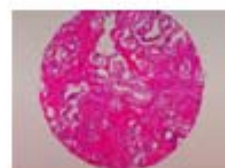
G7



G8



H1



H2



H3



H4



H5



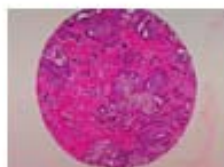
H6



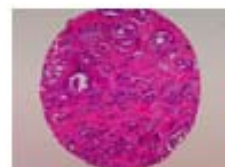
H7



H8



I1



I2



I3



I4



I5



I6



I7



I8

**A222 : Prostate cancer tissues - Stage II**

No.	Coordinate	Age	Key Word	G	V	Size	L	Z	PNI	ANG	A	B	SV	PIN	LN	psa	Stage	Multi
1	A 1, 2	59	Adenocarcinoma	6	5	2	l	p	0	0	0	0	0	0	0	0.02	2	
2	A 3, 4	62	Adenocarcinoma	6	5	1	b	p	0	0	1	0	0	1	0	2.22	2	
3	A 5, 6	62	Adenocarcinoma	6	5	0.9	b	p	1	0	1	1	0	1	0	0.37	2	x2
4	A 7, 8	78	Adenocarcinoma	7	20	3	b	pt	1	0	1	0	0	0	0	0.35	2	
5	A 9		Non-neoplastic from A3, 4															
6	A 10		Non-neoplastic from B5, 6															
7	A 11		Non-neoplastic from G1, 2															
8	A 12		Non-neoplastic from I5, 6															
9	B 1, 2	64	Adenocarcinoma	7	20	4	b	p	1	0	0	0	0	1	0	16.55	2	
10	B 3, 4	69	Adenocarcinoma	7	15	1.7	b	pt	1	0	0	1	0	1	1	17.1	2	x2
11	B 5, 6	67	Adenocarcinoma	7	30		b	p	1	0	1	1	0	1	0	1.77	2	x4
12	B 7, 8	67	Adenocarcinoma	7	10	2	l	p	1	0	1	1	0	1	0	5.6	2	
13	B 9, 10	57	Adenocarcinoma	9	40	4	b	p	1	0	0	0	0	1	0	10.54	2	x3
14	B 11, 12	53	Adenocarcinoma	9	5	1.3	r	p	1	0	0	0	0	1	0	5.19	2	
15	C 1, 2	62	Adenocarcinoma	7	15	2	b	p	0	0	0	0	0	1	0	7.83	2	x2
16	C 3, 4	68	Adenocarcinoma	7	5	1	b	p	1	0	1	0	0	1	0	9.03	2	x4
17	C 5, 6	58	Adenocarcinoma	7	10	1.3	b	p	1	0	0	0	0	0	0	0.07	2	
18	C 7, 8	73	Adenocarcinoma	7	10	2	b	pt	0	0	0	1	0	1	0	9.53	2	x4
19	C 9, 10	46	Adenocarcinoma	9	30	2.4	b	t	1	0	0	0	0	0	0	26.95	2	
20	C 11, 12	66	Adenocarcinoma	9	20	2.5	b	pt	1	0	1	0	0	0	0	9.12	2	
21	D 1, 2	58	Adenocarcinoma	7	5	1.1	b	p	1	0	1	0	0	1	0	5.42	2	x2
22	D 3, 4	60	Adenocarcinoma	7	5	1.1	l	p	0	0	0	0	0	1	0	0.28	2	
23	D 5, 6	64	Adenocarcinoma	7	5	1.2	r	p	1	0	0	0	0	1	0	0.04	2	
24	D 7, 8	68	Adenocarcinoma	7	10	2	b	p	1	0	1	0	0	1	0	6.9	2	
25	D 9, 10	64	Adenocarcinoma	7	40	2.8	b	pt	0	0	1	0	0	1	0	19.17	3	
26	D 11, 12	64	Adenocarcinoma	7	15	2.2	b	pt	0	0	1	1	0	1	0	6.1	3	x2

**A222 : Prostate cancer tissues - Stage II**

No.	Coordinate	Age	Key Word	G	V	Size	L	Z	PNI	ANG	A	B	SV	PIN	LN	psa	Stage	Multi	
27	E	1, 2	62	Adenocarcinoma	7	10	1.7	b	p	1	0	1	1	0	1	0	5.52	2	x2
28	E	3, 4	59	Adenocarcinoma	7	10	1.8	b	t	0	0	1	0	0	0	0	0.04	2	x2
29	E	5, 6	63	Adenocarcinoma	7	15	1.8	b	p	1	0	0	1	0	1	0	4.8	2	
30	E	7, 8	57	Adenocarcinoma	7	10	1.2	r	tc	0	0	1	0	0	1	0	5.12	2	
31	E	9, 10	64	Adenocarcinoma	9	60	2.5	b	p	1	1	1	1	1	0	0	130	3	x2
32	E	11, 12	65	Adenocarcinoma	9	90	6	b	e	1	0	1	1	0	1	0	23.82	3	
33	F	1, 2	67	Adenocarcinoma	7	10	2.5	r	p	0	0	1	1	0	0	0	5	2	
34	F	3, 4	61	Adenocarcinoma	7	10	2.2	b	p	1	0	1	0	0	1	0	0.15	2	
35	F	5, 6	70	Adenocarcinoma	7	20	2.5	b	p	0	0	1	0	0	0	0	4.37	2	x2
36	F	7, 8	66	Adenocarcinoma	8	10	1.4	b	p	1	0	0	0	0	1	0	10.37	2	x2
37	F	9, 10	68	Adenocarcinoma	9	20	2.6	b	p	1	1	1	0	1	1	0	9.64	3	x2
38	G	1, 2	64	Adenocarcinoma	8	15	2.5	b	p	1	0	1	1	0	1	0	15.6	2	x4
39	G	3, 4	70	Adenocarcinoma	8	15	4	b	p	1	0	1	1	0	1	0	10.12	2	
40	G	5, 6	56	Adenocarcinoma	8	15	1.8	b	p	1	0	1	0	0	1	0	10.38	2	x4
41	G	7, 8	57	Adenocarcinoma	8	30	4.2	b	p	1	0	1	1	0	0	0	14.24	2	
42	H	1, 2	68	Adenocarcinoma	8	10	1.4	r	p	1	0	1	1	0	0	0	13	2	
43	H	3, 4	53	Adenocarcinoma	8	25		r	p	1	1	0	1	0	0	0	5.1	2	
44	H	5, 6	71	Adenocarcinoma	9	15	2	b	pc	1	0	1	0	0	1	0	7.93	2	x2
45	H	7, 8	51	Adenocarcinoma	9	20	2.1	b	p	0	0	1	0	0	1	0	0.06	2	
46	I	1, 2	69	Adenocarcinoma	9	20	3	b	pt	1	0	1	0	0	1	0	135.45	2	x2
47	I	3, 4	68	Adenocarcinoma	9	70	4	b	pt	1	0	0	0	0	1	0	17.09	2	
48	I	5, 6	60	Adenocarcinoma	9	25	2.4	l	p	1	0	1	0	0	0	0	13.88	2	
49	I	7, 8	62	Adenocarcinoma	9	20	2.7	b	p	1	0	0	1	0	1	0	7.79	2	

G: Gleason score

V: volume (%)

Size: (cm)

L: location of tumor, r: right; left, b: bilateral

Z: zone, p: peripheral zone, t: transitional zone, c: central zone, e: entire

Prostatectomy : An operation to remove part or all of the prostate.

PNI: perineural invasion

A: apex

B: base

SV: seminal vesicle

PIN: high grade prostatic intraepithelial neoplasm

LN: lymph node

PSA: plasm psa level

Multi: the number of separate tumors, blank: 1

**Stage:**

I : There is no evidence that the cancer has spread outside the prostate.

II : There is no evidence that the cancer has spread outside the prostate.

The tumor involves more tissue within the prostate,

it can be felt during rectal exam,

or it is found with a biopsy that is done because of a high PSA level.

III : The cancer has spread outside the prostate to nearby tissues.

IV : The cancer has spread to lymph node or to other parts of the body.