

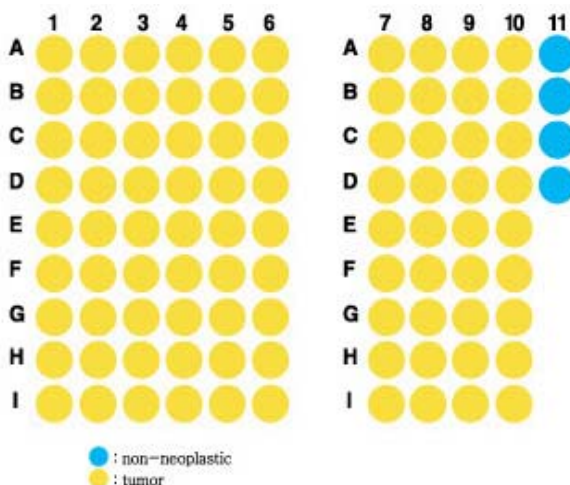
Specifications:

- No. of cases: 45
- Tissue type: Prostate cancer tissues – Stage III
- 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	64	Adenocarcinoma	7	10	1.7	b	p	2
2		3, 4	59	Adenocarcinoma	7	20	2.4	r	pc	2
3		5, 6	58	Adenocarcinoma	7	15	2.5	b	pt	2
4		7, 8	67	Adenocarcinoma	9	25	2.8	l	p	3
5		9, 10	73	Adenocarcinoma	9	20	2.5	b	p	3
6		11		Non-neoplastic, from D3, 4						
7	B	1, 2	47	Adenocarcinoma	8	10		r	t	2
8		3, 4	57	Adenocarcinoma	8	10	1.5	b	p	2
9		5, 6	66	Adenocarcinoma	9	5	1.1	b	p	2
10		7, 8	56	Adenocarcinoma	9	15	1.5	r	p	3
11		9, 10	56	Adenocarcinoma	9	20	3	b	p	3
12		11		Non-neoplastic, from G5, 6						
13	C	1, 2	43	Adenocarcinoma	9	15	2.2	b	p	2
14		3, 4	54	Adenocarcinoma	9	15	2	r	p	2
15		5, 6	73	Adenocarcinoma	9	25	2.9	b	e	2
16		7, 8	64	Adenocarcinoma	9	20	3.5	b	pt	3
17		9, 10	60	Adenocarcinoma	9	40	3.4	b	pt	3
18		11		Non-neoplastic, from I5, 6						
19	D	1, 2	64	Adenocarcinoma	6	30	2.2	l	p	3
20		3, 4	65	Adenocarcinoma	7	30	3	b	pt	3
21		5, 6	45	Adenocarcinoma	7	15	1.8	l	p	3
22		7, 8	62	Adenocarcinoma	9	40	3.8	b	p	3
23		9, 10	65	Adenocarcinoma	9	80	3.5	b	e	3
24		11		Non-neoplastic, from I9, 10						
25	E	1, 2	60	Adenocarcinoma	7	40	2.3	b	pt	3
26		3, 4	60	Adenocarcinoma	7	40	5	l	p	3
27		5, 6	65	Adenocarcinoma	7	30	3.5	b	p	3
28		7, 8	58	Adenocarcinoma	9	85	4	b	e	3
29		9, 10	57	Adenocarcinoma	9	15	1.8	b	p	3

Summary of tissue spots

No.	Coordinate	Age	Key Word	G	V	Size	L	Z	Stage	
30	F	1, 2	54	Adenocarcinoma	7	15	2	r	p	3
31		3, 4	64	Adenocarcinoma	7	40	2.8	b	pt	3
32		5, 6	64	Adenocarcinoma	7	15	2.2	b	pt	3
33		7, 8	49	Adenocarcinoma	9	15	2.4	l	p	3
34		9, 10	63	Adenocarcinoma	9	35	2.9	b	e	3
35	G	1, 2	56	Adenocarcinoma	7	25		b	pt	3
36		3, 4	58	Adenocarcinoma	7	10		b	t	3
37		5, 6	60	Adenocarcinoma	8	5	1.5	l	p	3
38		7, 8	67	Adenocarcinoma	9	30	2.1	b	p	3
39		9, 10	66	Adenocarcinoma	9	95	3.8	b	p	3
40	H	1, 2	46	Adenocarcinoma	8	25	2.2	l	pc	3
41		3, 4	58	Adenocarcinoma	9	60	3	r	pt	3
42		5, 6	68	Adenocarcinoma	9	30	3.5	b	pt	3
43		7, 8	66	Adenocarcinoma	9	80	3.7	b	p	3
44		9, 10	68	Adenocarcinoma	9	30	1.8	b	pt	3
45	I	1, 2	64	Adenocarcinoma	9	50	3.2	b	pt	3
46		3, 4	60	Adenocarcinoma	9	35	2.5	b	pt	3
47		5, 6	68	Adenocarcinoma	9	25	3.5	b	p	3
48		7, 8	66	Adenocarcinoma	9	25	2.8	b	p	3
49		9, 10	66	Adenocarcinoma	10	95	4.5	b	e	3

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.

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,

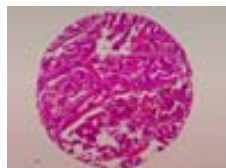
or it is found w ith a biopsy that is done because of a high PSA level.

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#122120312211

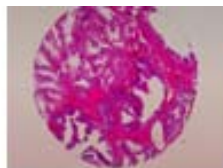
Hematoxylin and Eosin staining



A1



A2



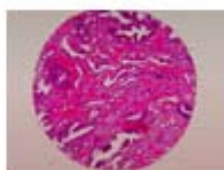
A3



A4



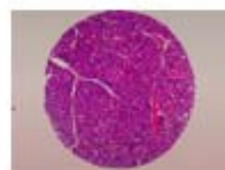
A5



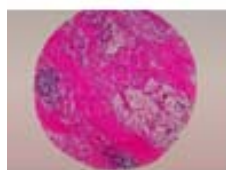
A6



A7



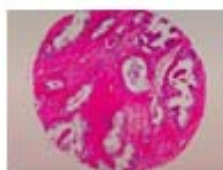
A8



A9



A10



A11



B1



B2



B3



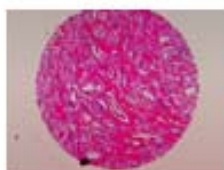
B4



B5



B6



B7



B8



B9



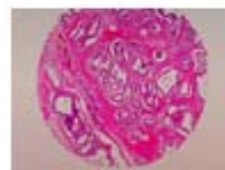
B10



B11

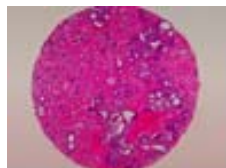


C1



C2

QC sheet_LOT#122120312211
Hematoxylin and Eosin staining



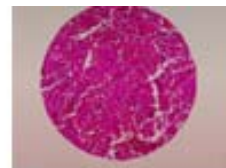
C3



C4



C5



C6



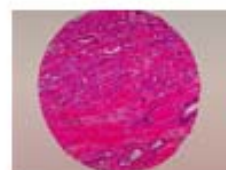
C7



C8



C9



C10



C11



D1



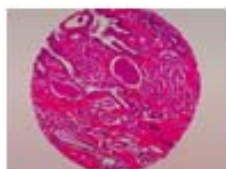
D2



D3



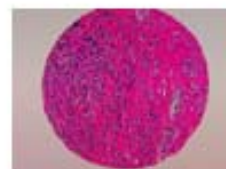
D4



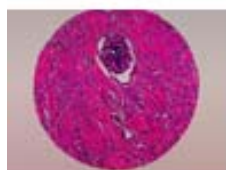
D5



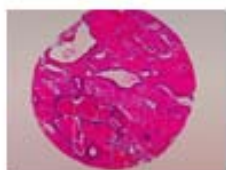
D6



D7



D8



D9



D10



D11



E1



E2



E3



E4

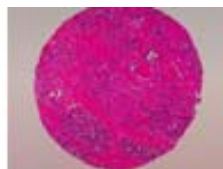
QC sheet_LOT#122120312211 Hematoxylin and Eosin staining



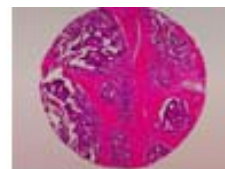
E5



E6



E7



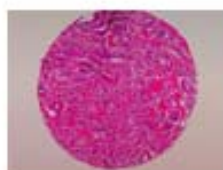
E8



E9



E10



F1



F2



F3



F4



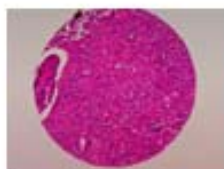
F5



F6



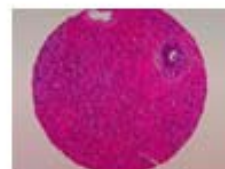
F7



F8



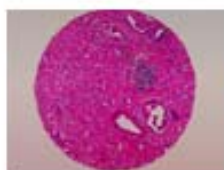
F9



F10



G1



G2



G3



G4



G5



G6



G7



G8

QC sheet_LOT#122120312211

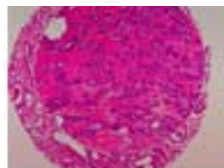
Hematoxylin and Eosin staining



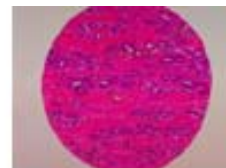
G9



G10



H1



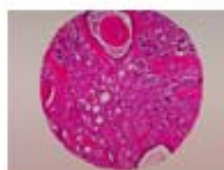
H2



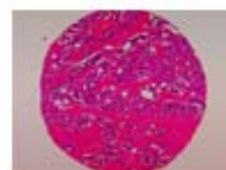
H3



H4



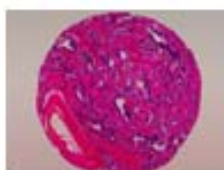
H5



H6



H7



H8



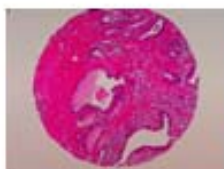
H9



H10



I1



I2



I3



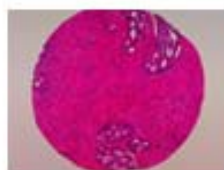
I4



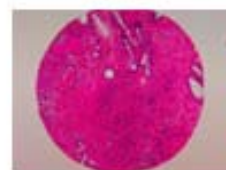
I5



I6



I7



I8



I9



I10

A223 : Prostate cancer tissues - Stage III

No.	Coordinate	Age	Key Word	G	V	Size	L	Z	PNI	ANG	A	B	SV	PIN	LN	PSA	Stage	Multi	
1	A 1, 2	64	Adenocarcinoma	7	10	1.7	b	p	1	0	0	0	0	1	0	6.18	2		
2	A 3, 4	59	Adenocarcinoma	7	20	2.4	r	pc	1	0	1	0	0	1	0	17.8	2		
3	A 5, 6	58	Adenocarcinoma	7	15	2.5	b	pt	0	0	1	0	0	1	0	6.58	2	x2	
4	A 7, 8	67	Adenocarcinoma	9	25	2.8	l	p	1	0	0	0	1	1	0	9.27	3		
5	A 9, 10	73	Adenocarcinoma	9	20	2.5	b	p	1	0	0	1	1	0	0	0.06	3	x2	
6	A 11		Non-neoplastic, from D3, 4																
7	B 1, 2	47	Adenocarcinoma	8	10		r	t	0	0	0	0	0	0	0	3.7	2		
8	B 3, 4	57	Adenocarcinoma	8	10	1.5	b	p	1	0	1	0	0	0	0	6.39	2		
9	B 5, 6	66	Adenocarcinoma	9	5	1.1	b	p	1	0	0	1	0	1	0	7.52	2	x3	
10	B 7, 8	56	Adenocarcinoma	9	15	1.5	r	p	1	0	0	0	1	0	0	12.82	3		
11	B 9, 10	56	Adenocarcinoma	9	20	3	b	p	1	0	0	0	1	0	0	24.61	3		
12	B 11		Non-neoplastic, from G5, 6																
13	C 1, 2	43	Adenocarcinoma	9	15	2.2	b	p	1	0	1	0	0	0	0	0.33	2		
14	C 3, 4	54	Adenocarcinoma	9	15	2	r	p	1	0	1	0	0	1	0	12.13	2		
15	C 5, 6	73	Adenocarcinoma	9	25	2.9	b	e	1	0	1	1	0	0	0	14.21	2	x2	
16	C 7, 8	64	Adenocarcinoma	9	20	3.5	b	pt	1	0	1	1	0	1	0	8.47	3		
17	C 9, 10	60	Adenocarcinoma	9	40	3.4	b	pt	1	0	1	0	1	1	0	32.77	3		
18	C 11		Non-neoplastic, from I5, 6																
19	D 1, 2	64	Adenocarcinoma	6	30	2.2	l	p	1	1	x	1	1	0	0	7.74	3		
20	D 3, 4	65	Adenocarcinoma	7	30	3	b	pt	0	0	1	1	0	1	0	17.97	3		
21	D 5, 6	45	Adenocarcinoma	7	15	1.8	l	p	1	0	0	1	0	0	0	5.69	3		
22	D 7, 8	62	Adenocarcinoma	9	40	3.8	b	p	1	0	1	1	0	1	0	17.12	3		
23	D 9, 10	65	Adenocarcinoma	9	80	3.5	b	e	1	0	1	1	1	0	0	14.39	3		
24	D 11		Non-neoplastic, from I9, 10																
25	E 1, 2	60	Adenocarcinoma	7	40	2.3	b	pt	0	0	0	0	0	1	0	7.1	3	x3	
26	E 3, 4	60	Adenocarcinoma	7	40	5	l	p	1	0	1	1	0	1	0	44.3	3		
27	E 5, 6	65	Adenocarcinoma	7	30	3.5	b	p	1	0	1	0	0	1	0	0.1	3		
28	E 7, 8	58	Adenocarcinoma	9	85	4	b	e	1	0	1	1	0	0	0	7.43	3		

A223 : Prostate cancer tissues - Stage III

No.	Coordinate	Age	Key Word	G	V	Size	L	Z	PNI	ANG	A	B	SV	PIN	LN	PSA	Stage	Multi
29	E 9, 10	57	Adenocarcinoma	9	15	1.8	b	p	1	0	1	0	0	0	0	5.6	3	
30	F 1, 2	54	Adenocarcinoma	7	15	2	r	p	1	0	1	0	0	0	0	5.61	3	
31	F 3, 4	64	Adenocarcinoma	7	40	2.8	b	pt	0	0	1	0	0	1	0	19.17	3	
32	F 5, 6	64	Adenocarcinoma	7	15	2.2	b	pt	0	0	1	1	0	1	0	6.1	3	x2
33	F 7, 8	49	Adenocarcinoma	9	15	2.4	l	p	1	1	1	0	1	0	0	19.57	3	
34	F 9, 10	63	Adenocarcinoma	9	35	2.9	b	e	1	0	1	1	0	0	0	20.4	3	
35	G 1, 2	56	Adenocarcinoma	7	25		b	pt	1	0	0	1	1	1	0	28.3	3	x2
36	G 3, 4	58	Adenocarcinoma	7	10		b	t	0	0	0	1	0	1	0	4.96	3	
37	G 5, 6	60	Adenocarcinoma	8	5	1.5	l	p	1	0	1	0	0	1	0	0.12	3	
38	G 7, 8	67	Adenocarcinoma	9	30	2.1	b	p	1	0	0	0	1	0	0	18.54	3	
39	G 9, 10	66	Adenocarcinoma	9	95	3.8	b	p	1	1	1	1	1	0	0	3.5	3	
40	H 1, 2	46	Adenocarcinoma	8	25	2.2	l	pc	1	0	0	0	0	1	0	0.05	3	
41	H 3, 4	58	Adenocarcinoma	9	60	3	r	pt	1	0	1	1	0	0	0	19	3	
42	H 5, 6	68	Adenocarcinoma	9	30	3.5	b	pt	1	0	1	0	0	0	0	11.49	3	
43	H 7, 8	66	Adenocarcinoma	9	80	3.7	b	p	0	0	1	1	0	0	0	98.5	3	
44	H 9, 10	68	Adenocarcinoma	9	30	1.8	b	pt	1	0	1	0	0	1	0	10.06	3	x2
45	I 1, 2	64	Adenocarcinoma	9	50	3.2	b	pt	1	1	0	1	1	0	0	9.05	3	
46	I 3, 4	60	Adenocarcinoma	9	35	2.5	b	pt	1	1	1	1	1	1	0	0.06	3	
47	I 5, 6	68	Adenocarcinoma	9	25	3.5	b	p	1	0	0	0	1	1	0	22.64	3	
48	I 7, 8	66	Adenocarcinoma	9	25	2.8	b	p	1	0	1	0	0	0	0	21.72	3	
49	I 9, 10	66	Adenocarcinoma	10	95	4.5	b	e	1	0	1	1	1	0	0	2.6	3	

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.

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.