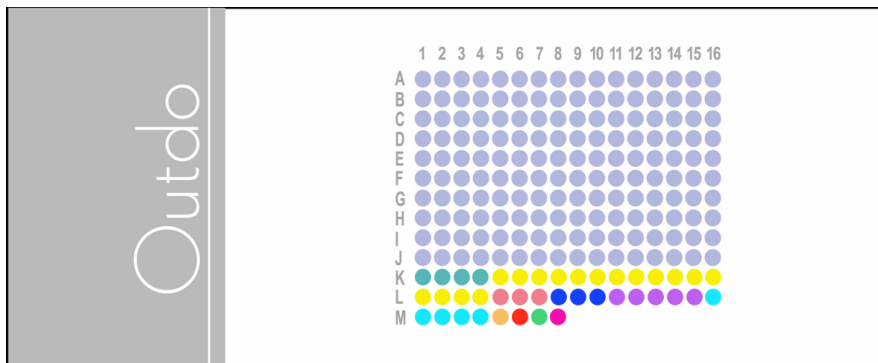


Human Tissue Array (OD-CT-RpBre01-003)

Catalogue Number:	OD-CT-RpBre01-003
Description:	Breast carcinoma (80 cases, 2 cores/case), Ovary carcinoma (3 cases, 1 core/case), Uterus carcinoma (3 cases, 1 core/case), Rectum carcinoma (5 cases, 1 core/case), Colon carcinoma (5 cases, 1 core/case), Esophagus carcinoma (1 case, 1 core/case), Gastric carcinoma (1 case, 1 core/case), pancreas carcinoma (1 case, 1 core/case), Ung carcinoma (1 case, 1 core/case), Hyperplasia of mammary glands and NAT* (10 cases, 2 cores/case).
Species:	Human, (Mongoloid)
Fixative:	formalin
Total Cases:	110
Total Cores:	200
Core Diameter:	1.0mm
Section Thickness:	4 micrometers
Validation:	Validated by Immunohistochemistry
Tissue Summary:	Breast carcinoma and NAT, 2 cores/case. Other carcinoma, 1 core/case. ER, PR information available.
Storage:	Short term RT; Long term 4°C
Usage:	For research use only



Color	Tissue
Blue	Breast carcinoma
Light Blue	Hyperplasia of mammary glands
Yellow	NAT
Pink	Uterus carcinoma
Red	Ovary carcinoma
Purple	Rectum carcinoma
Cyan	Colon carcinoma
Orange	Esophagus carcinoma
Green	Gastric carcinoma
Light Green	pancreas carcinoma
Magenta	Lung carcinoma

No.	Map ID	Organ	Pathology Type	Gender	Age	Grade	ER	PR																																																																																																																														
1	A	1	breast	invasive ductal carcinoma	F	74	G1	+	+																																																																																																																													
		2								2	3	breast	invasive ductal carcinoma	F	50	G1	NA	+	4	3	5	breast	invasive ductal carcinoma	F	53	G1	+	+	6	4	7	breast	invasive ductal carcinoma	F	41	G1	++	++	8	5	9	breast	invasive ductal carcinoma	F	63	G1	++	+	10	6	11	breast	invasive ductal carcinoma	F	48	G1	++	++	12	7	13	breast	invasive ductal carcinoma	F	48	G1	NA	++	14	8	15	breast	invasive ductal carcinoma	F	37	G1	++	+	16	9	B	1	breast	invasive ductal carcinoma	F	74	G1	++	+	10	2	11	3	breast	invasive ductal carcinoma	F	44	G1	NA	NA	4	12	5	breast	invasive ductal carcinoma	F	57	G1	NA	++	6	13	7	breast	no target tissue	F	54	G1	+	+	8	invasive ductal carcinoma	14	9	breast	invasive ductal carcinoma	F	66	G1	+	+	10	14	11
2		3	breast	invasive ductal carcinoma	F	50	G1	NA	+																																																																																																																													
		4								3	5	breast	invasive ductal carcinoma	F	53	G1	+	+	6	4	7	breast	invasive ductal carcinoma	F	41	G1	++	++	8	5	9	breast	invasive ductal carcinoma	F	63	G1	++	+	10	6	11	breast	invasive ductal carcinoma	F	48	G1	++	++	12	7	13	breast	invasive ductal carcinoma	F	48	G1	NA	++	14	8	15	breast	invasive ductal carcinoma	F	37	G1	++	+	16	9	B	1	breast	invasive ductal carcinoma	F	74	G1	++	+	10		2	11	3	breast	invasive ductal carcinoma	F	44	G1	NA	NA	4	12	5	breast	invasive ductal carcinoma	F	57	G1	NA	++	6	13	7	breast	no target tissue	F	54	G1	+	+	8	invasive ductal carcinoma	14	9	breast	invasive ductal carcinoma	F	66	G1	+	+	10	14	11	breast	invasive ductal carcinoma	F	37	G1	+	-	12	
3		5	breast	invasive ductal carcinoma	F	53	G1	+	+																																																																																																																													
		6								4	7	breast	invasive ductal carcinoma	F	41	G1	++	++	8	5	9	breast	invasive ductal carcinoma	F	63	G1	++	+	10	6	11	breast	invasive ductal carcinoma	F	48	G1	++	++	12	7	13	breast	invasive ductal carcinoma	F	48	G1	NA	++	14	8	15	breast	invasive ductal carcinoma	F	37	G1	++	+	16	9	B	1	breast	invasive ductal carcinoma	F	74	G1	++	+	10		2	11	3	breast	invasive ductal carcinoma	F	44	G1	NA		NA	4	12	5	breast	invasive ductal carcinoma	F	57	G1	NA	++	6	13	7	breast	no target tissue	F	54	G1	+	+	8	invasive ductal carcinoma	14	9	breast	invasive ductal carcinoma	F	66	G1	+	+	10	14	11	breast	invasive ductal carcinoma	F	37	G1	+	-	12										
4		7	breast	invasive ductal carcinoma	F	41	G1	++	++																																																																																																																													
		8								5	9	breast	invasive ductal carcinoma	F	63	G1	++	+	10	6	11	breast	invasive ductal carcinoma	F	48	G1	++	++	12	7	13	breast	invasive ductal carcinoma	F	48	G1	NA	++	14	8	15	breast	invasive ductal carcinoma	F	37	G1	++	+	16	9	B	1	breast	invasive ductal carcinoma	F	74	G1	++	+	10		2	11	3	breast	invasive ductal carcinoma	F	44	G1	NA		NA	4	12	5	breast	invasive ductal carcinoma	F	57	G1		NA	++	6	13	7	breast	no target tissue	F	54	G1	+	+	8	invasive ductal carcinoma	14	9	breast	invasive ductal carcinoma	F	66	G1	+	+	10	14	11	breast	invasive ductal carcinoma	F	37	G1	+	-	12																			
5		9	breast	invasive ductal carcinoma	F	63	G1	++	+																																																																																																																													
		10								6	11	breast	invasive ductal carcinoma	F	48	G1	++	++	12	7	13	breast	invasive ductal carcinoma	F	48	G1	NA	++	14	8	15	breast	invasive ductal carcinoma	F	37	G1	++	+	16	9	B	1	breast	invasive ductal carcinoma	F	74	G1	++	+	10		2	11	3	breast	invasive ductal carcinoma	F	44	G1	NA		NA	4	12	5	breast	invasive ductal carcinoma	F	57	G1		NA	++	6	13	7	breast	no target tissue	F	54		G1	+	+	8	invasive ductal carcinoma	14	9	breast	invasive ductal carcinoma	F	66	G1	+	+	10	14	11	breast	invasive ductal carcinoma	F	37	G1	+	-	12																												
6		11	breast	invasive ductal carcinoma	F	48	G1	++	++																																																																																																																													
		12								7	13	breast	invasive ductal carcinoma	F	48	G1	NA	++	14	8	15	breast	invasive ductal carcinoma	F	37	G1	++	+	16	9	B	1	breast	invasive ductal carcinoma	F	74	G1	++	+	10		2	11	3	breast	invasive ductal carcinoma	F	44	G1	NA		NA	4	12	5	breast	invasive ductal carcinoma	F	57	G1		NA	++	6	13	7	breast	no target tissue	F	54		G1	+	+	8	invasive ductal carcinoma	14	9	breast	invasive ductal carcinoma		F	66	G1	+	+	10	14	11	breast	invasive ductal carcinoma	F	37	G1	+	-	12																																					
7		13	breast	invasive ductal carcinoma	F	48	G1	NA	++																																																																																																																													
		14								8	15	breast	invasive ductal carcinoma	F	37	G1	++	+	16	9	B	1	breast	invasive ductal carcinoma	F	74	G1	++	+	10		2	11	3	breast	invasive ductal carcinoma	F	44	G1	NA		NA	4	12	5	breast	invasive ductal carcinoma	F	57	G1		NA	++	6	13	7	breast	no target tissue	F	54		G1	+	+	8	invasive ductal carcinoma	14	9	breast	invasive ductal carcinoma		F	66	G1	+	+	10	14	11	breast	invasive ductal carcinoma	F	37	G1	+	-	12																																															
8		15	breast	invasive ductal carcinoma	F	37	G1	++	+																																																																																																																													
		16								9	B	1	breast	invasive ductal carcinoma	F	74	G1	++	+	10		2	11	3	breast	invasive ductal carcinoma	F	44	G1	NA		NA	4	12	5	breast	invasive ductal carcinoma	F	57	G1		NA	++	6	13	7	breast	no target tissue	F	54		G1	+	+	8	invasive ductal carcinoma	14	9	breast	invasive ductal carcinoma		F	66	G1	+	+	10	14	11	breast	invasive ductal carcinoma	F	37	G1	+	-	12																																																									
9	B	1	breast	invasive ductal carcinoma	F	74	G1	++	+																																																																																																																													
10		2								11		3	breast	invasive ductal carcinoma	F	44	G1	NA	NA	4		12	5	breast	invasive ductal carcinoma	F	57	G1	NA	++		6	13	7	breast	no target tissue	F	54	G1	+		+	8	invasive ductal carcinoma	14	9	breast	invasive ductal carcinoma	F	66		G1	+	+	10	14	11	breast	invasive ductal carcinoma	F	37	G1	+	-	12																																																																					
		11	3	breast	invasive ductal carcinoma	F	44	G1	NA			NA																																																																																																																										
4			12							5			breast	invasive ductal carcinoma	F	57	G1	NA	++	6		13	7	breast	no target tissue	F	54	G1	+	+		8	invasive ductal carcinoma	14	9	breast	invasive ductal carcinoma	F	66	G1		+	+	10	14	11	breast	invasive ductal carcinoma	F	37	G1	+	-	12																																																																																
12		5		breast	invasive ductal carcinoma	F	57	G1	NA	++																																																																																																																												
		6	13									7	breast	no target tissue	F	54	G1	+	+	8		invasive ductal carcinoma	14	9	breast	invasive ductal carcinoma	F	66	G1	+		+	10	14	11	breast	invasive ductal carcinoma	F	37	G1	+	-	12																																																																																											
13		7		breast	no target tissue	F	54	G1	+	+																																																																																																																												
		8	invasive ductal carcinoma		14							9	breast	invasive ductal carcinoma	F	66	G1	+	+	10		14	11	breast	invasive ductal carcinoma	F	37	G1	+	-	12																																																																																																							
14		9	breast	invasive ductal carcinoma		F	66	G1	+	+																																																																																																																												
		10			14							11	breast	invasive ductal carcinoma	F	37	G1	+	-	12																																																																																																																		
14		11	breast	invasive ductal carcinoma		F	37	G1	+	-																																																																																																																												
		12																																																																																																																																				

No.	Map ID	Organ	Pathology Type	Gender	Age	Grade	ER	PR		
15	B	13	breast	invasive ductal carcinoma	F	48	G1	+	+	
		14								
16		15	breast	invasive ductal carcinoma	F	43	G1	+	+	
		16								
17	C	1	breast	invasive ductal carcinoma	F	42	G2	++	+	
		2								
18			3	breast	invasive ductal carcinoma	F	52	G2	NA	+
		4								
19			5	breast	invasive ductal carcinoma	F	48	G2	+	+
		6								
20			7	breast	invasive ductal carcinoma	F	53	G2	+	+
		8								
21			9	breast	invasive ductal carcinoma	F	66	G2	++	+
		10								
22			11	breast	invasive ductal carcinoma	F	46	G2	++	++
		12	fibrofatty tissue							
23			13	breast	invasive ductal carcinoma	F	63	G2	++	+
		14								
24		15	breast	invasive ductal carcinoma	F	51	G2	NA	NA	
	16									
25	D	1	breast	invasive ductal carcinoma	F	53	G2	+	+	
		2								
26			3	breast	invasive ductal carcinoma	F	71	G2	NA	+
		4								
27			5	breast	invasive ductal carcinoma	F	37	G2	++	++
		6								
28			7	breast	invasive ductal carcinoma	F	77	G2	NA	NA
		8								
29			9	breast	invasive ductal carcinoma	F	59	G2	NA	+
		10								
30			11	breast	invasive ductal carcinoma	F	58	G2	++	+
		12								
31			13	breast	invasive ductal carcinoma	F	43	G2	NA	NA
		14								
32			15	breast	invasive ductal carcinoma	F	57	G2	++	++
		16								
33	E	1	breast	invasive ductal carcinoma	F	39	G3	+	+	
		2								
34			3	breast	invasive ductal carcinoma	F	57	G3	NA	NA
		4								
35			5	breast	invasive ductal carcinoma	F	70	G3	++	+
		6								
36			7	breast	invasive ductal carcinoma	F	47	G3	-	-
		8								
37			9	breast	invasive ductal carcinoma	F	52	G3	++	++
		10								
38			11	breast	invasive ductal carcinoma	F	53	G3	++	++
		12								
39			13	breast	invasive ductal carcinoma	F	45	G3	-	-
		14								
40			15	breast	invasive ductal carcinoma	F	42	G3	+	+
		16								
41	F	1	breast	invasive ductal carcinoma	F	71	G3	-	+	
		2								
42			3	breast	invasive ductal carcinoma	F	44	G3	-	-
		4								
43			5	breast	invasive ductal carcinoma	F	53	G3	-	-
		6								
44			7	breast	invasive ductal carcinoma	F	80	G3	++	-
		8								
45			9	breast	invasive ductal carcinoma	F	44	G3	-	-
		10								
46			11	breast	invasive ductal carcinoma	F	70	G3	-	-
		12								

No.	Map ID	Organ	Pathology Type	Gender	Age	Grade	ER	PR	
47	F	13	breast	invasive ductal carcinoma	F	77	G3	-	-
		14							
48		15	breast	invasive ductal carcinoma	F	51	G3	-	-
		16							
49	G	1	breast	invasive ductal carcinoma and invasive lobular carcinoma	F	51	G2	++	++
		2							
50		3	breast	invasive ductal carcinoma and invasive lobular carcinoma	F	46	G2	++	++
		4							
51		5	breast	invasive ductal carcinoma and invasive lobular carcinoma	F	62	G2	+	-
		6							
52		7	breast	invasive ductal carcinoma and invasive lobular carcinoma	F	39	G2	++	+
		8							
53		9	breast	invasive ductal carcinoma and invasive lobular carcinoma	F	38	G2	++	++
		10							
54		11	breast	invasive ductal carcinoma and mucinous adenocarcinoma	F	59	G1	++	++
		12							
55		13	breast	invasive ductal carcinoma and mucinous adenocarcinoma	F	45	G2	-	+
		14							
56		15	breast	invasive ductal carcinoma and mucinous adenocarcinoma	F	63	G2	+	+
		16							
57	H	1	breast	invasive ductal carcinoma and mucinous adenocarcinoma	F	49	G2	-	-
		2							
58		3	breast	invasive ductal carcinoma and carcinoma medullare	F	48	G2	NA	NA
		4							
59		5	breast	invasive ductal carcinoma and carcinoma medullare	F	50	G2	NA	+
		6							
60		7	breast	invisive ductal carcinoma	F	57	G1	++	++
		8							
61		9	breast	mucinous carcinoma	F	81		+	NA
		10							
62		11	breast	mucinous carcinoma	F	80		++	++
		12							
63		13	breast	mucinous carcinoma	F	60		++	NA
		14							
64		15	breast	mucinous carcinoma	F	65		+	+
		16							
65	I	1	breast	mucinous carcinoma	F	66		+	+
		2							
66		3	breast	mucinous carcinoma	F	65		+	+
		4							
67		5	breast	carcinoma medullare	F	50		-	-
		6							
68		7	breast	carcinoma medullare	F	44		-	-
		8							
69		9	breast	carcinoma medullare	F	74		+	+
		10							
70		11	breast	carcinoma medullare	F	33		-	+
		12							
71		13	breast	breast lipid-secreting carcinoma	F	51	G3	NA	NA
		14							
72		15	breast	breast lipid-secreting carcinoma	F	55	G2	NA	NA
		16							
73	J	1	breast	breast lipid-secreting carcinoma	F	56	G2	NA	NA
		2							
74		3	breast	intraductal carcinoma	F	70	G2	+	+
		4							
75		5	breast	intraductal carcinoma	F	65	G2	+	+
		6							
76		7	breast	intraductal carcinoma	F	45	G1	+	+
		8							
77		9	breast	invasive lobular carcinoma	F	41		++	++
		10							
78		11	breast	papillary carcinoma	F	79	G1	++	+
		12							

No.	Map ID	Organ	Pathology Type	Gender	Age	Grade	ER	PR	
79	J	13	breast	adenocarcinoma	F	74	G3	NA	+
		14							
80		15	breast	adenosquamous carcinoma	F	51		NA	NA
		16							
81	K	1	breast	hyperplasia of mammary glands	F		NA	NA	
		2							
82		3	breast	hyperplasia of mammary glands	F		NA	NA	
		4							
83		5	breast	normal breast tissue	F		NA	NA	
		6							
84		7	breast	normal breast tissue	F		NA	NA	
		8							
85		9	breast	normal breast tissue	F		NA	NA	
		10							
86		11	breast	normal breast tissue	F		NA	NA	
		12							
87		13	breast	normal breast tissue	F		NA	NA	
		14							
88		15	breast	normal breast tissue	F		NA	NA	
		16							
89	L	1	breast	normal breast tissue	F		NA	NA	
		2							
90		3	breast	normal breast tissue	F		NA	NA	
		4							
91		5	uterus	uterus adenocarcinoma	F	40	G2	NA	NA
92		6	uterus	uterus adenocarcinoma	F	58	G2	NA	NA
93		7	uterus	Endometrioid adenocarcinoma	F	72		NA	NA
94		8	ovary	ovary papillary mucinous cystic neoplasms	F	61	G2	NA	NA
95		9	ovary	ovary cystadenocarcinoma	F	64		NA	NA
96		10	ovary	ovary adenocarcinoma	F	60	G3	NA	NA
97		11	rectum	rectum adenocarcinoma	M	46	G2	NA	NA
98		12	rectum	rectum mucinous adenocarcinoma	F	53	G3	NA	NA
99		13	rectum	rectum adenocarcinoma	M	51	G1-2	NA	NA
100		14	rectum	rectum adenocarcinoma	M	68	G1-2	NA	NA
101		15	rectum	rectum adenocarcinoma	M	59	G1-2	NA	NA
102		16	colon	colon adenocarcinoma	M	67	G1-2	NA	NA
103	M	1	colon	colon adenocarcinoma	F	72	G1	NA	NA
104		2	colon	colon adenocarcinoma with partial mucinous adenocarcinoma	M	70	G2	NA	NA
105		3	colon	colon adenocarcinoma	F	82	G1-2	NA	NA
106		4	colon	colon adenocarcinoma	F	71	G1-2	NA	NA
107		5	esophagus	esophagus carcinoma	M	50	G2	NA	NA
108		6	stomach	gastric adenocarcinoma	M	38		NA	NA
109		7	pancreas	pancreatic adenocarcinoma	F	82	G1	NA	NA
110		8	lung	lung squamous cell carcinoma	F	66	G2	NA	NA

*NAT: Normal adjacent tissue.