

# Tissue Microarray

## Human Cholangio Carcinoma

Cat.-No.: 401 2208 Lot: 155P240412

	a	b	c	d	e	f	g	h
1	●	●	●	●	●	●	●	●
2	●	●	●	●	●	●	●	●
3	●	●	●	●	●	●	●	●
4	●	●	●	●	●	●	●	●
5	●	●	●	●	●	●	●	●
6	●	●	●	●	●	●	●	●
7	●	●	●	●	●	●		
8	●	●	●	●	●	●	●	
9	●	●	●	●	●	●	●	●
10		●	●	●	●	●	●	●
11		●	●	●	●	●	●	●
12		●	●	●				

### Technical Information: 86 Spots

- Spot diameter: 2 mm
- Fixation in 4% paraformaldehyde in PBS
- Paraffin embedded

Tissue type validated by immunohistochemistry

---

### In Vitro Laboratory Use Only

Not intended for any human or animal diagnostic or therapeutic use.

---

Position	Diagnosis	Specification	Sex	Age	Stage pT	Stage pN	Stage pM	remarks
1a	Cholangiocarcinoma		f	35	4	0		Same patient as sample 9a
1b	Cholangiocarcinoma		f	36	4	1	X	Same patient as sample 9b
1c	Cholangiocarcinoma		m	65	4			Same patient as sample 9c
1d	Cholangiocarcinoma		f	70	2	0	X	Same patient as sample 9d
1e	Cholangiocarcinoma	with fibrosis	m	66	3	2		Same patient as sample 9e
1f	Cholangiocarcinoma		m	81	3	0	X	
1g	Cholangiocarcinoma		m	74	1	0	X	Same patient as sample 9f
1h	Cholangiocarcinoma		f	74	1	0		Same patient as sample 9g
2a	Cholangiocarcinoma	with fibrosis and normal	m	59	2	1	X	Same patient as sample 9h and 12b
2b	Cholangiocarcinoma		m	75	3	X	X	
2c	Cholangiocarcinoma	with fibrosis	m	55	4	1		
2d	Cholangiocarcinoma	with fibrosis	m	63	4	1		
2e	Cholangiocarcinoma	with fibrosis and normal	m	60	1	0		Same patient as sample 10b and 12c
2f	Cholangiocarcinoma	with fibrosis and necrosis	m	62	3	1		Same patient as sample 10c
2g	Cholangiocarcinoma		m	68	3	1	1	
2h	Cholangiocarcinoma	few tumor area	m	71	2			
3a	Cholangiocarcinoma		m	38	3	0	1	
3b	Cholangiocarcinoma	with necrosis	f	69				Same patient as sample 10d
3c	Cholangiocarcinoma		m	67	2	X		
3d	Cholangiocarcinoma	with necrosis	m	72	4	X	X	
3e	Cholangiocarcinoma		f	66	2	0		
3f	Cholangiocarcinoma		f	54	3	1	1	Same patient as sample 8a
3g	Cholangiocarcinoma		f	62	3	0		Same patient as sample
3h	Cholangiocarcinoma		f	37	2	0		
4a	Cholangiocarcinoma		f	73	3	1		Same patient as sample 8b
4b	Cholangiocarcinoma	with fibrosis	m	59	3			Same patient as sample 10e
4c	Cholangiocarcinoma		m	66	4	0		Same patient as sample 10f
4d	Cholangiocarcinoma	with fibrosis	m	61	3	1		Same patient as sample 8c

### In Vitro Laboratory Use Only

Not intended for any human or animal diagnostic or therapeutic use.

Position	Diagnosis	Specification	Sex	Age	Stage pT	Stage pN	Stage pM	remarks
4e	Cholangiocarcinoma		m	68	3	0	X	Same patient as sample 10g
4f	Cholangiocarcinoma		m	46	3	0		
4g	Cholangiocarcinoma	with fibrosis and necrosis	f	73	3	X	X	
4h	Cholangiocarcinoma		f	67	3	1	X	Same patient as sample 10h and 8d
5a	Cholangiocarcinoma		m	61	4	1		Same patient as sample 8e
5b	Cholangiocarcinoma		f	65				
5c	Cholangiocarcinoma		f	63	3			
5d	Cholangiocarcinoma	with necrosis	f	51	4	1		
5e	Cholangiocarcinoma		m	81	3	X		Same patient as sample 11b
5f	Cholangiocarcinoma	with fibrosis	f	73	2	0		
5g	Cholangiocarcinoma		f	83				Same patient as sample 11c
5h	Cholangiocarcinoma		f	44	2	0		Same patient as sample 11d
6a	Cholangiocarcinoma	with necrosis	f	60	4	0		Same patient as sample 11e
6b	Cholangiocarcinoma		f	76				
6c	Cholangiocarcinoma		m	67	2			Same patient as sample 11f
6d	Cholangiocarcinoma		m	56	4	0		Same patient as sample 11g
6e	Cholangiocarcinoma		f	64	3	1		Same patient as sample 8f
6f	Cholangiocarcinoma		m	70	3	1		
6g	Cholangiocarcinoma		m	50	4	1		Same patient as sample 8g

---

### In Vitro Laboratory Use Only

Not intended for any human or animal diagnostic or therapeutic use.

---

Position	Diagnosis	Specification	Sex	Age	Stage pT	Stage pN	Stage pM	remarks
6h	Cholangiocarcinoma		m	52	4	X		
7a	Cholangiocarcinoma		m	66	4	X	X	Same patient as sample 11h
7b	Cholangiocarcinoma		m	58	3			
7c	Cholangiocarcinoma	with cholangiolar	f	56	3			
7d	Cholangiocarcinoma	with fibrosis	f	63	3	1		
7e	Cholangiocarcinoma	with fibrosis	f	63	3	X		
7f	Cholangiocarcinoma	with fibrosis	f	66	3	1	X	
8a	Lymph node metastasis		f	54	3	1	1	
8b	Lymph node metastasis		f	73	3	1		
8c	Lymph node metastasis		m	61	3	1		
8d	Lymph node metastasis		f	67	3	1	X	
8e	Lymph node metastasis		m	61	4	1		
8f	Lymph node metastasis		f	64	3	1		
8g	Lymph node metastasis		m	50	4	1		
9a	Normal liver		m	35				
9b	Normal liver		f	36				
9 c	Normal liver		m	65				
9d	Normal liver		f	70				

---

### In Vitro Laboratory Use Only

Not intended for any human or animal diagnostic or therapeutic use.

---

Position	Diagnosis	Specification	Sex	Age	Stage pT	Stage pN	Stage pM	remarks
9e	Normal liver		m	66				
9f	Normal liver		m	74				
9g	Normal liver	with steatosis	f	74				
9h	Normal liver		m	59				
10b	Normal liver		m	60				
10c	Normal liver		m	62				
10d	Normal liver		f	69				
10e	Normal liver		m	59				
10f	Normal liver		m	66				
10g	Normal liver		m	68				
10h	Normal liver	with inflammation	f	67				
11b	Normal liver		m	81				
11c	Normal liver		f	83				
11d	Normal liver		f	44				
11e	Normal liver		f	60				
11f	Normal liver	with steatosis	m	67				
11g	Normal liver		m	56				
11h	Normal liver		m	66				
12b	Bile ducts	Inflammation reactive cell	m	59				
12c	Gall bladder		m	60				
12d	Gall bladder		f	62				

---

### In Vitro Laboratory Use Only

Not intended for any human or animal diagnostic or therapeutic use.

---