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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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BC001130 : Pancreatic carcinoma and multi-organ adjacent tissue array, including TNM, clinical stage and pathology grade, 81 cases/121 cores

Microarray Panel	Pancreatic carcinoma and multi-organ adjacent tissue microarray, containing 20 cases of pancreatic carcinoma (triplicate cores per case), 5 each of normal or adjacent normal heart, lung, brain, kidney, esophagus, liver, eye, testis, ovary, lymph node tissue and 11 pancreas tissue, single core per case	
Cores	121	
Cases	81	
Row number	11	
Column number	11	
Core Diameter (mm)	1	
Thickness (µm)	5	
Tissue Array Type	FFPE	
Species	Human	
Applications	Routine histology procedures including Immunohistochemistry (IHC) and In Situ Hybridization (ISH), protocols which can be found at our support page.	
Notes	1. TMA slides were sectioned and stored at 4°C and may not be fresh cut, but still suitable for IHC. Please request fresh cut if experiment involves phospho-specific antibodies, RNA studies, FISH or ISH, etc. A minimum of 3 slides per TMA must be purchased to cover the cost of trimming for fresh sectioning. 2. Most TMA slides were not coated with an extra layer of paraffin (tissue cores can be easily seen on the glass). To prevent tissue detachment during antigen retrieval, unbaked slides must be baked for at least 30 to 120 minutes at 60°C. before putting into xylene for de-paraffinization. Baked slides were sent out baked for 2 hours. In the following specsheet, “*” means invalid core; “-” means no applicable or negative in IHC markers.	

	1	2	3	4	5	6	7	8	9	10	11
A	Pan	Pan	Pan	Pan	Pan	Pan	Hea	Hea	Hea	Hea	Hea
B	Pan	Pan	Pan	Pan	Pan	Pan	Lun	Lun	Lun	Lun	Lun
C	Pan	Pan	Pan	Pan	Pan	Pan	Bra	Bra	Bra	Bra	Bra
D	Pan	Pan	Pan	Pan	Pan	Pan	Kid	Kid	Kid	Kid	Kid
E	Pan	Pan	Pan	Pan	Pan	Pan	Eso	Eso	Eso	Eso	Eso
F	Pan	Pan	Pan	Pan	Pan	Pan	Liv	Liv	Liv	Liv	Liv
G	Pan	Pan	Pan	Pan	Pan	Pan	Eye	Eye	Eye	Eye	Eye
H	Pan	Pan	Pan	Pan	Pan	Pan	Tes	Tes	Tes	Tes	Tes
I	Pan	Pan	Pan	Pan	Pan	Pan	Ova	Ova	Ova	Ova	Ova
J	Pan	Pan	Pan	Pan	Pan	Pan	Lym	Lym	Lym	Lym	Lym
K	Pan	Pan	Pan	Pan	Pan	Pan	Pan	Pan	Pan	Pan	Pan

Legend: Bra - Brain, Eso - Esophagus, Eye - Eye, Hea - Heart, Kid - Kidney, Liv - Liver, Lun - Lung, Lym - Lymph node, Ova - Ovary, Pan - Pancreas, Tes - Testis
 - Malignant tumor,  - Malignant tumor (stage I),  - Malignant tumor (stage II),  - Malignant tumor (stage III),  - NAT,  - Normal tissue
, tissue IDs are available in exported Excel files.

Pos.	No.	Age	Sex	Organ/Anatomic Site	Pathology diagnosis	TNM	Grade	Stage	Type	Image
A1	1	69	F	Pancreas	Mucinous adenocarcinoma	T2N1M0	1	III	malignant	
A2	2	69	F	Pancreas	Mucinous adenocarcinoma	T2N1M0	1	III	malignant	
A3	3	69	F	Pancreas	Mucinous adenocarcinoma	T2N1M0	1	III	malignant	
A4	4	31	F	Pancreas	Duct adenocarcinoma	T2N1M0	1	III	malignant	
A5	5	31	F	Pancreas	Duct adenocarcinoma	T2N1M0	1	III	malignant	

A6	6	31	F	Pancreas	Duct adenocarcinoma	T2N1M0	1	III	malignant	
A7	7	56	M	Heart	Normal cardiac muscle tissue	-	-	-	normal	
A8	8	42	F	Heart	Normal cardiac muscle tissue with partial cata plasia	-	-	-	normal	
A9	9	49	M	Heart	Adjacnet normal cardiac muscle tissue	-	-	-	NAT	
A10	10	51	F	Heart	Adjacnet normal cardiac muscle tissue	-	-	-	NAT	
A11	11	25	F	Heart	Adjacnet normal cardiac muscle tissue	-	-	-	NAT	
B1	12	45	M	Pancreas	Duct adenocarcinoma	T3N0M0	1	II	malignant	
B2	13	45	M	Pancreas	Duct adenocarcinoma	T3N0M0	1	II	malignant	
B3	14	45	M	Pancreas	Duct adenocarcinoma	T3N0M0	1	II	malignant	
B4	15	49	M	Pancreas	Duct adenocarcinoma	T1aN1M0	2	III	malignant	
B5	16	49	M	Pancreas	Duct adenocarcinoma	T1aN1M0	2	III	malignant	
B6	17	49	M	Pancreas	Duct adenocarcinoma	T1aN1M0	2	III	malignant	
B7	18	52	M	Lung	Adjacnet normal lung tissue	-	-	-	NAT	
B8	19	51	F	Lung	Adjacnet normal lung tissue	-	-	-	NAT	
B9	20	70	M	Lung	Adjacnet normal lung tissue	-	-	-	NAT	
B10	21	46	M	Lung	Normal lung tissue	-	-	-	normal	
B11	22	19	M	Lung	Normal lung tissue	-	-	-	normal	
C1	23	60	F	Pancreas	Duct adenocarcinoma	T2N0M0	2	I	malignant	
C2	24	60	F	Pancreas	Duct adenocarcinoma	T2N0M0	2	I	malignant	
C3	25	60	F	Pancreas	Duct adenocarcinoma	T2N0M0	2	I	malignant	
C4	26	67	M	Pancreas	Duct adenocarcinoma	T3N0M0	2	II	malignant	
C5	27	67	M	Pancreas	Duct adenocarcinoma	T3N0M0	2	II	malignant	
C6	28	67	M	Pancreas	Duct adenocarcinoma	T3N0M0	2	II	malignant	
C7	29	2	F	Brain	Normal cerebrum tissue	-	-	-	normal	
C8	30	50	F	Brain	Normal cerebrum tissue	-	-	-	normal	
C9	31	38	M	Brain	Adjacent normal cerebrum tissue	-	-	-	NAT	
C10	32	38	M	Brain	Adjacent normal medulla oblongata tissue	-	-	-	NAT	
C11	33	38	F	Brain	Adjacent normal cerebrum tissue	-	-	-	NAT	
D1	34	55	M	Pancreas	Duct adenocarcinoma	T2N0M0	2	I	malignant	
D2	35	55	M	Pancreas	Duct adenocarcinoma	T2N0M0	2	I	malignant	
D3	36	55	M	Pancreas	Duct adenocarcinoma	T2N0M0	2	I	malignant	
D4	37	73	F	Pancreas	Duct adenocarcinoma	T2N0M0	2	I	malignant	
D5	38	73	F	Pancreas	Duct adenocarcinoma	T2N0M0	2	I	malignant	
D6	39	73	F	Pancreas	Duct adenocarcinoma (fibrofatty tissue)	T2N0M0	-	I	malignant	
D7	40	14	F	Kidney	Normal kidney tissue	-	-	-	normal	
D8	41	44	M	Kidney	Normal kidney tissue	-	-	-	normal	
D9	42	38	M	Kidney	Adjacent normal kidney tissue	-	-	-	NAT	
D10	43	51	M	Kidney	Adjacent normal kidney tissue	-	-	-	NAT	
D11	44	70	M	Kidney	Adjacent normal kidney tissue	-	-	-	NAT	
E1	45	65	M	Pancreas	Duct adenocarcinoma (pancreas tissue)	T2N0M0	-	I	malignant	
E2	46	65	M	Pancreas	Duct adenocarcinoma (pancreas tissue)	T2N0M0	-	I	malignant	
E3	47	65	M	Pancreas	Duct adenocarcinoma (pancreas tissue)	T2N0M0	-	I	malignant	
E4	48	68	F	Pancreas	Duct adenocarcinoma	T3N0M0	2	II	malignant	
E5	49	68	F	Pancreas	Duct adenocarcinoma	T3N0M0	2	II	malignant	
E6	50	68	F	Pancreas	Duct adenocarcinoma	T3N0M0	2	II	malignant	
E7	51	19	M	Esophagus	Normal esophagus tissue	-	-	-	normal	
E8	52	42	F	Esophagus	Normal esophagus tissue	-	-	-	normal	
E9	53	39	M	Esophagus	Adjacent normal esophagus tissue	-	-	-	NAT	
E10	54	58	M	Esophagus	Adjacent normal esophagus tissue	-	-	-	NAT	
E11	55	64	F	Esophagus	Adjacent normal esophagus tissue	-	-	-	NAT	
F1	56	60	M	Pancreas	Duct adenocarcinoma	T1N0M0	2	I	malignant	
F2	57	60	M	Pancreas	Duct adenocarcinoma	T1N0M0	3	I	malignant	
F3	58	60	M	Pancreas	Duct adenocarcinoma	T1N0M0	3	I	malignant	
F4	59	70	M	Pancreas	Duct adenocarcinoma	T2N0M0	2--3	I	malignant	
F5	60	70	M	Pancreas	Duct adenocarcinoma	T2N0M0	2--3	I	malignant	
F6	61	70	M	Pancreas	Duct adenocarcinoma (pancreas tissue)	T2N0M0	-	I	malignant	

F7	62	14	F	Liver	Normal liver tissue	-	-	-	normal	
F8	63	56	M	Liver	Normal liver tissue	-	-	-	normal	
F9	64	35	M	Liver	Normal liver tissue	-	-	-	normal	
F10	65	40	M	Liver	Normal liver tissue	-	-	-	normal	
F11	66	60	M	Liver	Adjacent nomral liver tissue	-	-	-	NAT	
G1	67	62	F	Pancreas	Duct adenocarcinoma	T2N1M0	2	III	malignant	
G2	68	62	F	Pancreas	Duct adenocarcinoma	T2N1M0	2	III	malignant	
G3	69	62	F	Pancreas	Duct adenocarcinoma (fibrous tissue)	T2N1M0	-	III	malignant	
G4	70	50	M	Pancreas	Duct adenocarcinoma	T2N0M0	2	I	malignant	
G5	71	50	M	Pancreas	Duct adenocarcinoma	T2N0M0	2	I	malignant	
G6	72	50	M	Pancreas	Duct adenocarcinoma	T2N0M0	2	I	malignant	
G7	73	76	F	Eye	Adjacent normal retina tissue	-	-	-	NAT	
G8	74	36	F	Eye	Adjacent normal sclera tissue	-	-	-	NAT	
G9	75	36	M	Eye	Adjacent normal retina tissue	-	-	-	NAT	
G10	76	58	M	Eye	Adjacent normal ciliary processes tissue and meningioma	-	-	-	NAT	
G11	77	52	F	Eye	Adjacent normal ciliary processes tissue	-	-	-	NAT	
H1	78	51	F	Pancreas	Duct adenocarcinoma	T2N0M0	3	I	malignant	
H2	79	51	F	Pancreas	Duct adenocarcinoma	T2N0M0	3	I	malignant	
H3	80	51	F	Pancreas	Duct adenocarcinoma	T2N0M0	3	I	malignant	
H4	81	64	M	Pancreas	Duct adenocarcinoma	T2N0M0	3	I	malignant	
H5	82	64	M	Pancreas	Duct adenocarcinoma	T2N0M0	3	I	malignant	
H6	83	64	M	Pancreas	Duct adenocarcinoma	T2N0M0	3	I	malignant	
H7	84	65	M	Testis	Adjcent normal testis tissue	-	-	-	NAT	
H8	85	74	M	Testis	Adjcent normal testis tissue	-	-	-	NAT	
H9	86	61	M	Testis	Adjcent normal testis tissue	-	-	-	NAT	
H10	87	69	M	Testis	Adjcent normal testis tissue	-	-	-	NAT	
H11	88	70	M	Testis	Adjcent normal testis tissue	-	-	-	NAT	
I1	89	62	F	Pancreas	Duct adenocarcinoma	T3N0M0	3	II	malignant	
I2	90	62	F	Pancreas	Duct adenocarcinoma	T3N0M0	3	II	malignant	
I3	91	62	F	Pancreas	Duct adenocarcinoma	T3N0M0	3	II	malignant	
I4	92	40	F	Pancreas	Acinar cell carcinoma	T2N0M0	2	I	malignant	
I5	93	40	F	Pancreas	Acinar cell carcinoma	T2N0M0	2	I	malignant	
I6	94	40	F	Pancreas	Acinar cell carcinoma	T2N0M0	2	I	malignant	
I7	95	14	F	Ovary	Normal ovary tissue	-	-	-	normal	
I8	96	41	F	Ovary	Adjacent normal ovary tissue	-	-	-	NAT	
I9	97	53	F	Ovary	Adjacent normal ovary tissue	-	-	-	NAT	
I10	98	42	F	Ovary	Adjacent normal ovary tissue	-	-	-	NAT	
I11	99	48	F	Ovary	Adjacent normal ovary corpus albicans tissue	-	-	-	NAT	
J1	100	12	F	Pancreas	Islet cell carcinoma	-	-	-	malignant	
J2	101	12	F	Pancreas	Islet cell carcinoma	-	-	-	malignant	
J3	102	12	F	Pancreas	Islet cell carcinoma	-	-	-	malignant	
J4	103	30	M	Pancreas	Islet cell carcinoma	-	-	-	malignant	
J5	104	30	M	Pancreas	Islet cell carcinoma	-	-	-	malignant	
J6	105	30	M	Pancreas	Islet cell carcinoma	-	-	-	malignant	
J7	106	46	M	Lymph node	Adjacent normal lymph node tissue of neck	-	-	-	NAT	
J8	107	25	M	Lymph node	Normal lymph node tissue of intestine	-	-	-	normal	
J9	108	58	F	Lymph node	Adjacent normal lymph node tissue of breast	-	-	-	NAT	
J10	109	15	F	Lymph node	Normal lymph node tissuse	-	-	-	normal	
J11	110	35	M	Lymph node	Normal lymph node tissuse	-	-	-	normal	
K1	111	73	F	Pancreas	Adjacent normal pancreas tissue	-	-	-	NAT	
K2	112	12	F	Pancreas	Adjacent normal pancreas tissue	-	-	-	NAT	
K3	113	49	M	Pancreas	Adjacent normal pancreas tissue	-	-	-	NAT	
K4	114	50	M	Pancreas	Adjacent normal pancreas tissue (duct adeno carcinoma)	-	2	-	NAT	
K5	115	33	F	Pancreas	Adjacent normal pancreas tissue	-	-	-	NAT	
K6	116	38	F	Pancreas	Adjacent normal pancreas tissue	-	-	-	NAT	

K7	117	48	M	Pancreas	Adjacent normal pancreas tissue	-	-	-	NAT	
K8	118	48	M	Pancreas	Adjacent normal pancreas tissue	-	-	-	NAT	
K9	119	1 Mon.	M	Pancreas	Normal pancreas tissue	-	-	-	normal	
K10	120	40	M	Pancreas	Normal pancreas tissue	-	-	-	normal	
K11	121	14	F	Pancreas	Normal pancreas tissue	-	-	-	normal	

TNM grading:

T - Primary tumor

- Tx - Primary tumor cannot be assessed
- T0 - No evidence of primary tumor
- Tis - Carcinoma in situ; intraepithelial or invasion of lamina propria
- T1 - Tumor invades submucosa
- T2 - Tumor invades muscularis propria
- T3 - Tumor invades through muscularis propria into subserosa or into non-peritonealized pericolic or perirectal tissues.
- T4 - Tumor directly invades other organs or structures and/or perforate visceral peritoneum

N - Regional lymph nodes

- Nx - Regional lymph nodes cannot be assessed
- N0 - No regional lymph node metastasis
- N1 - Metastasis in 1 to 3 regional lymph nodes
- N2 - Metastasis in 4 or more regional lymph nodes

M - Distant metastasis

- Mx - Distant metastasis cannot be assessed
- M0 - No distant metastasis
- M1 - Distant metastasis

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