

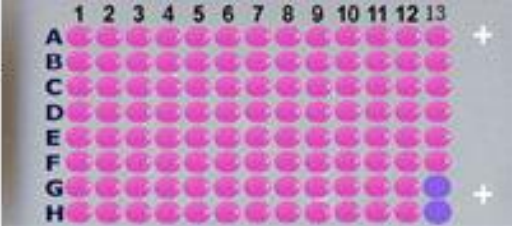


Quickarrays, Inc

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Advancing Biomedical Science Through Tissue Arrays

Cat No: PAC1021 - Pancreatic cancer tissue array

Lot#	Cores	Size	Cut	Format	QA/QC	
PAC102101	102	1.5mm	4um	8X13	H&E, IHC anti- Cytokeratin	 

Recommended Application: For research use only. Designed for IHC or ISH based protein or RNA tissue profiling in pancreas cancers.

Description: Pancreatic cancer tissue array contains 86 cases of malignant tumors, 10 cases of benign tumors, 5 cases of normal tissues, and 1 case inflammatory pancreatic tissue with grading and TNM staging data.

All the tissues were from surgical resection. They were fixed in 10% neutral buffered formalin for 24 hours and processed using identical SOPs. Sections were picked onto Superfrost Plus or APES coated Superfrost slides. They can be stored for use at 4C for up to six months from the date of shipment. **There may be 5 to 10% of tissue core loss.**

Array Position	Sex	Age	Anatomic Site	Pathology	Grade	Stage
A01	M	31	Pancreas	Normal	null	null
A02	F	63	Pancreas	Normal	null	null
A03	F	59	Pancreas	Normal	null	null
A04	M	35	Pancreas	Normal	null	null
A05	M	44	Pancreas	Normal	null	null
A06	M	36	Pancreas	Chronic inflammation	null	null
A07	F	39	Pancreas	Paraganglioma	null	null
A08	F	47	Pancreas	Mucinous cystadenoma	null	null
A09	F	56	Pancreas	Serous cystadenoma	null	null
A10	F	76	Pancreas	Gastrointestinal stromal tumor, GIST	null	null
A11	F	45	Pancreas	Hemangioma	null	null
A12	M	30	Pancreas	Islet cell tumor	null	null
A13	M	54	Pancreas	Islet cell tumor	null	null
B01	M	42	Pancreas	Islet cell tumor	null	null
B02	F	45	Pancreas	Neuroendocrine carcinoma	null	T2N0M0
B03	F	28	Pancreas	Islet cell tumor	null	null
B04	F	20	Pancreas	Neuroendocrine carcinoma	null	T2N0M0
B05	M	30	Pancreas	Mixed acinar-endocrine carcinoma	null	T2N0M0
B06	F	60	Pancreas	Neuroendocrine carcinoma	null	T3N1M0
B07	F	40	Pancreas	Neuroendocrine carcinoma	null	T2N0M0
B08	F	59	Pancreas	Islet cell tumor	null	null
B09	M	56	Pancreas	Islet cell tumor	null	null
B10	M	59	Pancreas	Neuroendocrine carcinoma	I	T2N1M0
B11	F	36	Pancreas	Mixed acinar-endocrine carcinoma	null	T2N0M0
B12	F	52	Pancreas	Papillary carcinoma	null	T2N0M0
B13	F	21	Pancreas	Solid-pseudopapillary tumor	I	T2N0M0
C01	F	37	Pancreas	Solid-pseudopapillary tumor	I	T4N1M0
C02	M	39	Pancreas	Serous cystadenocarcinoma	null	T4N0M0
C03	M	51	Pancreas	Mucinous cystadenocarcinoma	null	T2N0M0
C04	F	61	Pancreas	Mucinous cystadenocarcinoma	null	T2N0M0
C05	F	65	Pancreas	Ductal adenocarcinoma	I	T3N0M0
C06	M	43	Pancreas	Ductal adenocarcinoma	I	T2N0M0
C07	M	55	Pancreas	Ductal adenocarcinoma	I	T4N0M0
C08	M	80	Pancreas	Ductal adenocarcinoma	I	T4N1M0
C09	F	57	Pancreas	Ductal adenocarcinoma	I	T2N0M0
C10	M	64	Pancreas	Ductal adenocarcinoma	I	T2N0M0
C11	F	77	Pancreas	Ductal adenocarcinoma	I	T2N0M0



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C12	F	44	Pancreas	Ductal adenocarcinoma	I	T3N0M0
C13	M	63	Pancreas	Ductal adenocarcinoma	I	null
D01	F	19	Pancreas	Acinar cell carcinoma	I~II	T2N0M0
D02	M	63	Pancreas	Ductal adenocarcinoma	I~II	T3N1M0
D03	M	46	Pancreas	Ductal adenocarcinoma	I~II	T3N0M0
D04	M	42	Pancreas	Ductal adenocarcinoma	I~II	T4N0M0
D05	M	63	Pancreas	Ductal adenocarcinoma	I~II	T3N0M0
D06	M	56	Pancreas	Ductal adenocarcinoma	I~II	T3N0M0
D07	F	57	Pancreas	Ductal adenocarcinoma	I~II	T2N1M0
D08	F	49	Pancreas	Ductal adenocarcinoma	II	T3N1M1
D09	M	40	Pancreas	Ductal adenocarcinoma	II~III	T3N1M0
D10	F	40	Pancreas	Ductal adenocarcinoma	II	T4N0M1
D11	F	60	Pancreas	Ductal adenocarcinoma	II~III	T3N1M1
D12	M	65	Pancreas	Ductal adenocarcinoma	II	T4N0M0
D13	F	58	Pancreas	Ductal adenocarcinoma	II	T4N0M0
E01	M	58	Pancreas	Ductal adenocarcinoma	II	T3N0M0
E02	M	62	Pancreas	Ductal adenocarcinoma	II	T3N1M0
E03	M	65	Pancreas	Ductal adenocarcinoma	II	T2N0M0
E04	M	84	Pancreas	Ductal adenocarcinoma	II	T4N0M0
E05	F	45	Pancreas	Ductal adenocarcinoma	II	T3N0M0
E06	M	60	Pancreas	Ductal adenocarcinoma	II	T2N0M0
E07	F	64	Pancreas	Ductal adenocarcinoma	II	T3N1M0
E08	F	62	Pancreas	Ductal adenocarcinoma	II	T2N1M0
E09	F	55	Pancreas	Ductal adenocarcinoma	II	T3N1M0
E10	M	62	Pancreas	Mucinous adenocarcinoma	II	T3N1M1
E11	M	67	Pancreas	Ductal adenocarcinoma	II	T2N0M0
E12	M	62	Pancreas	Ductal adenocarcinoma	II	null
E13	M	50	Pancreas	Ductal adenocarcinoma	II	T3N0M1
F01	F	28	Pancreas	Ductal adenocarcinoma	II	T3N0M1
F02	M	68	Pancreas	Ductal adenocarcinoma	II	T3N0M1
F03	M	72	Pancreas	Ductal adenocarcinoma	II	T3N0M1
F04	F	70	Pancreas	Ductal adenocarcinoma	II	T3N0M1
F05	F	63	Pancreas	Ductal adenocarcinoma	II	null
F06	M	76	Pancreas	Ductal adenocarcinoma	II	T2N0M0
F07	M	73	Pancreas	Ductal adenocarcinoma	II	T4N0M1
F08	F	58	Pancreas	Ductal adenocarcinoma	II	null
F09	M	69	Pancreas	Ductal adenocarcinoma	II	null
F10	M	63	Pancreas	Ductal adenocarcinoma	II	null
F11	F	75	Pancreas	Ductal adenocarcinoma	II~III	T2N1M0
F12	M	56	Pancreas	Ductal adenocarcinoma	II~III	T2N0M0
F13	M	73	Pancreas	Ductal adenocarcinoma	II~III	T3N0M0
G01	M	40	Pancreas	Ductal adenocarcinoma	II~III	T3N1M0
G02	M	65	Pancreas	Ductal adenocarcinoma	II~III	T2N1M0
G03	F	68	Pancreas	Ductal adenocarcinoma	II~III	T3N1M0
G04	F	59	Pancreas	Ductal adenocarcinoma	II~III	T3N0M1
G05	F	50	Pancreas	Ductal adenocarcinoma	II-III	T2N0M0
G06	F	71	Pancreas	Ductal adenocarcinoma	II-III	null
G07	M	69	Pancreas	Ductal adenocarcinoma	II-III	T3N0M1
G08	M	55	Pancreas	Ductal adenocarcinoma	II-III	null
G09	M	51	Pancreas	Ductal adenocarcinoma	III	T2N0M0
G10	M	70	Pancreas	Ductal adenocarcinoma	III	T3N1M0
G11	M	53	Pancreas	Ductal adenocarcinoma	III	T2N0M0
G12	F	64	Pancreas	Ductal adenocarcinoma	III	T2N0M0
H01	F	66	Pancreas	Ductal adenocarcinoma	III	T4N1M0
H02	F	52	Pancreas	Ductal adenocarcinoma	III	T4N0M0
H03	F	65	Pancreas	Ductal adenocarcinoma	III	T2N0M0
H04	F	38	Pancreas	Ductal adenocarcinoma	III	T3N1M0
H05	F	57	Pancreas	Ductal adenocarcinoma	III	T3N1M0
H06	F	57	Pancreas	Metastatic stomach adenocarcinoma	III	null
H07	M	61	Pancreas	Ductal adenocarcinoma	III	T3N0M0
H08	M	72	Pancreas	Ductal adenocarcinoma	III	T3N0M1



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H09	M	45	Pancreas	Ductal adenocarcinoma	III	T3N0M1
H10	M	48	Pancreas	Ductal adenocarcinoma	III	null
H11	M	58	Pancreas	Undifferentiated carcinoma	IV	T2N0M0
H12	F	74	Pancreas	Undifferentiated carcinoma	IV	T4N1M0

Notes: Bake at 60C for ~60 minutes before use. If antigen retrieving is needed, it is important to avoid **direct-boiling and high pH or high strength** antigen retrieving buffer.

Certified by: Langxing Pan, M.D.

TNM Classification: Pancreas carcinoma

T- Primary tumor

TX - Primary tumor cannot be assessed

TO - No evidence of primary tumor

Tis - Carcinoma in situ

T1 - Tumor limited to pancreas, 2 cm or less in greatest dimension

T2 - Tumor limited to pancreas, more than 2 cm in greatest dimension

T3 - Tumor extends directly into any of the following: duodenum, bile duct, peripancreatic tissue

T4 - Tumor extends directly into any of the following: stomach, spleen, colon, adjacent large vessels

N - Regional lymph nodes

NX - Regional lymph nodes cannot be assessed NO -

No regional lymph node metastasis

N1 - Regional lymph node metastasis

N1a - metastasis in a single regional lymph node

N1b - Metastasis in multiple regional lymph nodes

M - Distant metastasis

MX - Distant metastasis cannot be assessed

MO - No distant metastasis

M1 - Distant metastasis

TNM classification of malignant tumours, Fifth Edition (1997)