

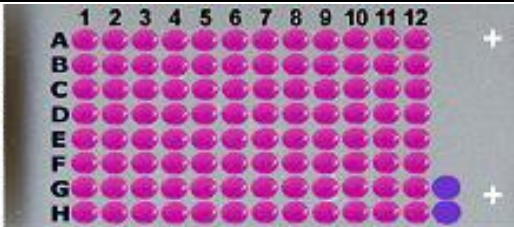


Quickarrays, Inc

Phone: 415-863-2380
Support: info@quickarrays.com
Web: www.quickarrays.com

Advancing Biomedical Science Through Tissue Arrays

Cat No: PAC961 - Pancreas cancer tissue array with progressive changes

Lot#	Cores	Size	Cut	Format	QA/QC	
PAC96101	96	1.5mm	4um	8x12	H&E, IHC anti-Cytokeratin	 

Recommended applications: For Research use only. Designed for IHC or ISH based protein or RNA tissue profiling in evolution and progression of pancreas cancers.

Description: Pancreatic cancer tissue array, 96 cores, 48 cases from normal, various benign and malignant tumor tissues with progressive grades and TNM stages in duplicates.

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	42	Pancreas	Normal		
A02	F	59	Pancreas	Normal		
A03	M	51	Pancreas	Chronic inflammation		
A04	M	53	Pancreas	Chronic inflammation		
A05	F	39	Pancreas	Paraganglioma		
A06	F	56	Pancreas	Serous cystadenocarcinoma		
A07	M	55	Pancreas	Islet cell tumor		
A08	M	30	Pancreas	Islet cell tumor		
A09	M	54	Pancreas	Islet cell tumor		
A10	M	42	Pancreas	Islet cell tumor		
A11	M	46	Pancreas	Islet cell tumor		
A12	F	40	Pancreas	Islet cell tumor		
B01	M	42	Pancreas	Normal		
B02	F	59	Pancreas	Normal		
B03	M	51	Pancreas	Chronic inflammation		
B04	M	53	Pancreas	Chronic inflammation		
B05	F	39	Pancreas	Paraganglioma		
B06	F	56	Pancreas	Serous cystadenocarcinoma		
B07	M	55	Pancreas	Islet cell tumor		
B08	M	30	Pancreas	Islet cell tumor		
B09	M	54	Pancreas	Islet cell tumor		
B10	M	42	Pancreas	Islet cell tumor		
B11	M	46	Pancreas	Islet cell tumor		
B12	F	40	Pancreas	Islet cell tumor		
C01	M	69	Pancreas	Adenocarcinoma	I	T3N1M0
C02	F	65	Pancreas	Adenocarcinoma	I	T3N0M0
C03	M	43	Pancreas	Adenocarcinoma	I	T2N0M0
C04	F	19	Pancreas	Adenocarcinoma	I~II	T2N0M0
C05	M	63	Pancreas	Adenocarcinoma	I~II	T3N1M0
C06	M	46	Pancreas	Adenocarcinoma	I~II	T3N0M0
C07	M	66	Pancreas	Adenocarcinoma	II	T3N0M0
C08	M	40	Pancreas	Adenocarcinoma	II	T3N1M0
C09	F	40	Pancreas	Adenocarcinoma	II	T3N0M0
C10	F	60	Pancreas	Adenocarcinoma	II	T3N1M0
C11	M	65	Pancreas	Adenocarcinoma	II	T4N0M0
C12	F	58	Pancreas	Adenocarcinoma	II	T4N0M0
D01	M	69	Pancreas	Adenocarcinoma	I	T3N1M0
D02	F	65	Pancreas	Adenocarcinoma	I	T3N0M0



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D03	M	43	Pancreas	Adenocarcinoma	I	T2N0M0
D04	F	19	Pancreas	Adenocarcinoma	I~II	T2N0M0
D05	M	63	Pancreas	Adenocarcinoma	I~II	T3N1M0
D06	M	46	Pancreas	Adenocarcinoma	I~II	T3N0M0
D07	M	66	Pancreas	Adenocarcinoma	II	T3N0M0
D08	M	40	Pancreas	Adenocarcinoma	II	T3N1M0
D09	F	40	Pancreas	Adenocarcinoma	II	T3N0M0
D10	F	60	Pancreas	Adenocarcinoma	II	T3N1M0
D11	M	65	Pancreas	Adenocarcinoma	II	T4N0M0
D12	F	58	Pancreas	Adenocarcinoma	II	T4N0M0
E01	M	58	Pancreas	Adenocarcinoma	II	T3N0M0
E02	F	75	Pancreas	Adenocarcinoma	II~III	T2N1M0
E03	M	56	Pancreas	Adenocarcinoma	II~III	T2N0M0
E04	M	73	Pancreas	Adenocarcinoma	II~III	T2N1M0
E05	M	51	Pancreas	Adenocarcinoma	III	T2N0M0
E06	M	70	Pancreas	Adenocarcinoma	III	T3N1M0
E07	M	53	Pancreas	Adenocarcinoma	III	T2N0M0
E08	F	64	Pancreas	Adenocarcinoma	III	T2N0M0
E09	F	66	Pancreas	Adenocarcinoma	III	T4N1M0
E10	F	52	Pancreas	Adenocarcinoma	III	T4N0M0
E11	F	52	Pancreas	Papillary carcinoma		T2N0M0
E12	M	58	Pancreas	Undifferentiated carcinoma		T2N0M0
F01	M	58	Pancreas	Adenocarcinoma	II	T3N0M0
F02	F	75	Pancreas	Adenocarcinoma	II~III	T2N1M0
F03	M	56	Pancreas	Adenocarcinoma	II~III	T2N0M0
F04	M	73	Pancreas	Adenocarcinoma	II~III	T2N1M0
F05	M	51	Pancreas	Adenocarcinoma	III	T2N0M0
F06	M	70	Pancreas	Adenocarcinoma	III	T3N1M0
F07	M	53	Pancreas	Adenocarcinoma	III	T2N0M0
F08	F	64	Pancreas	Adenocarcinoma	III	T2N0M0
F09	F	66	Pancreas	Adenocarcinoma	III	T4N1M0
F10	F	52	Pancreas	Adenocarcinoma	III	T4N0M0
F11	F	52	Pancreas	Papillary carcinoma		T2N0M0
F12	M	58	Pancreas	Undifferentiated carcinoma		T2N0M0
G01	M	63	Pancreas	Mucinous cystadenocarcinoma		T2N0M0
G02	M	56	Pancreas	Mucinous cystadenocarcinoma		T2N0M0
G03	M	39	Pancreas	Serous cystadenocarcinoma		T4N0M0
G04	M	66	Pancreas	Adenosquamous carcinoma		T2N0M0
G05	M	30	Pancreas	Mixed acinar-endocrine carcinoma		T2N0M0
G06	F	36	Pancreas	Mixed acinar-endocrine carcinoma		T2N0M0
G07	F	20	Pancreas	Neuroendocrine carcinoma		T2N0M0
G08	F	45	Pancreas	Neuroendocrine carcinoma		T2N0M0
G09	F	60	Pancreas	Neuroendocrine carcinoma		T3N1M0
G10	F	40	Pancreas	Neuroendocrine carcinoma		T2N0M0
G11	M	59	Pancreas	Neuroendocrine carcinoma		T2N1M0
G12	F	46	Pancreas	Neuroendocrine carcinoma		T2N0M0
H01	M	63	Pancreas	Mucinous cystadenocarcinoma		T2N0M0
H02	M	56	Pancreas	Mucinous cystadenocarcinoma		T2N0M0
H03	M	39	Pancreas	Serous cystadenocarcinoma		T4N0M0
H04	M	66	Pancreas	Adenosquamous carcinoma		T2N0M0
H05	M	30	Pancreas	Mixed acinar-endocrine carcinoma		T2N0M0
H06	F	36	Pancreas	Mixed acinar-endocrine carcinoma		T2N0M0
H07	F	20	Pancreas	Neuroendocrine carcinoma		T2N0M0
H08	F	45	Pancreas	Neuroendocrine carcinoma		T2N0M0
H09	F	60	Pancreas	Neuroendocrine carcinoma		T3N1M0
H10	F	40	Pancreas	Neuroendocrine carcinoma		T2N0M0
H11	M	59	Pancreas	Neuroendocrine carcinoma		T2N1M0
H12	F	46	Pancreas	Neuroendocrine carcinoma		T2N0M0

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.

* - Cores may be missing due to the nature of the tumor.



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)