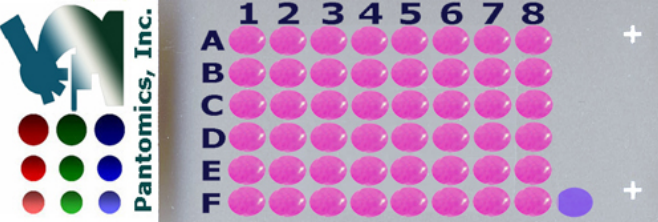


Cat No: PAC481 – Pancreas cancer tissue array

Lot#	Cores	Size	Cut	Format	QA/QC	Pantomics, Inc.	
PAC48101	48	1.5mm	4um	6X8	H&E, IHC anti-Cytokeratin		

Recommended applications: For research use only. RNA or protein tissue profiling using IHC or ISH suitable for pancreatic cancer related studies.

Description: Pancreas tumor tissue array including duplicated 24 cases of normal, reactive and cancerous tissues of the pancreas.

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 all have a guaranteed six months' shelf-life at 4C from the date of shipment. There may be >5% tissue core loss, but the core retaining rate should be >90%.

Position	Sex	Age	Anatomic site	Pathology	Grade	Stage (TNM)
A01	M	46	Pancreas	Normal		
A02	M	66	Pancreas	Normal		
A03	F	58	Pancreas	Adenoma		
A04	F	28	Pancreas	Islet cell tumor		T2N0M0
A05	M	49	Pancreas	Adenocarcinoma	I	T3N1M0
A06	F	64	Pancreas	Adenocarcinoma	I	T2N0M0
A07	M	63	Pancreas	Adenocarcinoma	I~II	T3N0M0
A08	F	45	Pancreas	Adenocarcinoma	II	T3N0M0
B01	M	46	Pancreas	Normal		
B02	M	66	Pancreas	Normal		
B03	F	58	Pancreas	Adenoma		
B04	F	28	Pancreas	Islet cell tumor		T2N0M0
B05	M	49	Pancreas	Adenocarcinoma	I	T3N1M0
B06	F	64	Pancreas	Adenocarcinoma	I	T2N0M0
B07	M	63	Pancreas	Adenocarcinoma	I~II	T3N0M0
B08	F	45	Pancreas	Adenocarcinoma	II	T3N0M0
C01	M	63	Pancreas	Adenocarcinoma	I~II	T3N1M0
C02	F	49	Pancreas	Adenocarcinoma	II	T3N1M1
C03	M	65	Pancreas	Adenocarcinoma	II	T2N0M0
C04	F	42	Pancreas	Adenocarcinoma	II	T3N0M0
C05	F	39	Pancreas	Adenocarcinoma	I	T3N0M0
C06	M	59	Pancreas	Adenocarcinoma	II	T2N0M0
C07	F	52	Pancreas	Adenocarcinoma	II	T3N1M0
C08	F	57	Pancreas	Adenocarcinoma	III	T3N1M0
D01	F	56	Pancreas	Adenocarcinoma	I	T2N1M0
D02	F	49	Pancreas	Adenocarcinoma	II	T3N1M1
D03	M	65	Pancreas	Adenocarcinoma	II	T2N0M0
D04	M	62	Pancreas	Adenocarcinoma	II	T3N1M0
D05	F	39	Pancreas	Adenocarcinoma	I	T3N0M0
D06	F	60	Pancreas	Adenocarcinoma	II~III	T3N1M0
D07	F	52	Pancreas	Adenocarcinoma	II	T2N0M0
D08	F	57	Pancreas	Adenocarcinoma	III	T3N1M0
E01	F	40	Pancreas	Adenocarcinoma	II	T4N0M1
E02	M	63	Pancreas	Mucinous cystadenocarcinoma		
E03	F	38	Pancreas	Adenocarcinoma	III	T3N1M0
E04	F	53	Pancreas	Adenocarcinoma	II	T3N1M0
E05	F	64	Pancreas	Adenocarcinoma	III	T2N0M0



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E06	F	66	Pancreas	Adenocarcinoma	III	T4N1M0
E07	M	40	Pancreas	Adenocarcinoma	II	T3N2M0
E08	M	70	Pancreas	Adenocarcinoma	IV	T3N1M0
F01	F	40	Pancreas	Adenocarcinoma	II	T4N0M1
F02	M	63	Pancreas	Mucinous cystadenocarcinoma		
F03	F	38	Pancreas	Adenocarcinoma	III	T3N1M0
F04	F	53	Pancreas	Adenocarcinoma	II	T3N1M0
F05	F	64	Pancreas	Adenocarcinoma	III	T2N0M0
F06	F	66	Pancreas	Adenocarcinoma	III	T4N1M0
F07	M	40	Pancreas	Adenocarcinoma	II	T3N2M0
F08	M	70	Pancreas	Adenocarcinoma	IV	T3N1M0

Notes: Bake at 60C for 30 minutes before use. If antigen retrieving is needed, it is always a good idea to start with a protocol with weak to mild strength. Please check our TNM guide below as a reference. For IHC related information on products that provide them, please contact us at info@pantomics.com for the most up-to-date information

Certified by: Fancai Li, 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)



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