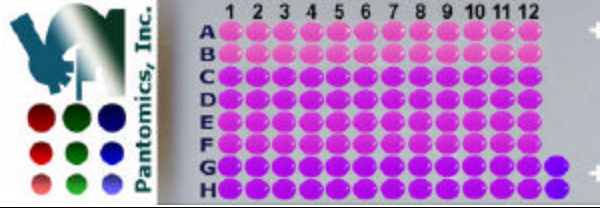




Cat No: COC961 – Colon cancer tissue array

Lot#	Cores	Size	Cut	Format	QA/QC
COC96101	96	1.5mm	4um	8X12	H&E, IHC anti-Cytokeratin



Recommended applications: For Research use only. RNA or protein colon cancer/non-tumor tissue profiling using IHC or ISH; Antibody characterization.

Description: Colon cancer tissue array, 96 cores including 36 cases (purple/blue) of colonic cancers and 12 cases of normal, inflammatory and benign tumor tissues of the colon (pink) 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 all have a guaranteed six months' shelf-life at 4C from the date of shipment. Each slide has >95% tissue core retention.

Array position	Age	Sex	Anatomic site	Histology	Grade	Stage (TNM)
A1,B1	30	F	Colon	Normal		
A2,B2	28	M	Colon	Normal		
A3,B3	64	M	Colon	Normal		
A4,B4	55	M	Colon	Normal		
A5,B5	71	M	Colon	Normal		
A6,B6	54	M	Colon	Polyps		
A7,B7	5	M	Colon	Juvenile polyp		
A8,B8	52	M	Colon	Polyp		
A9,B9	30	F	Colon	Polyp		
A10,B10	50	M	Colon	Adenoma		
A11,B11	49	F	Colon	Adenoma		
A12,B12	48	M	Colon	Adenoma		
C1,D1	66	F	Colon	Adenocarcinoma	I	T1N0M0
C2,D2	62	M	Colon	Adenocarcinoma	I	T2N0M0
C3,D3	68	F	Colon	Adenocarcinoma	I	T2N0M0
C4,D4	60	F	Colon	Adenocarcinoma	I	T3N1M0
C5,D5	76	F	Colon	Adenocarcinoma	I	T3N1M0
C6,D6	69	M	Colon	Adenocarcinoma	I	T2N0M0
C7,D7	70	F	Colon	Adenocarcinoma	I	T3N1M0
C8,D8	70	F	Colon	Adenocarcinoma	I	T3N1M0
C9,D9	71	F	Colon	Adenocarcinoma	I	T2N0M0
C10,D10	55	F	Colon	Adenocarcinoma	I	T2N0M0
C11,D11	58	F	Colon	Adenocarcinoma	I	T2N0M0
C12,D12	51	F	Colon	Adenocarcinoma	I	T2N0M0
E1,F1	60	M	Colon	Adenocarcinoma	II	T2N0M0
E2,F2	45	M	Colon	Adenocarcinoma	II	T2N0M0
E3,F3	70	M	Colon	Adenocarcinoma	II	T3N1M0
E4,F4	75	M	Colon	Adenocarcinoma	II	T2N0M0
E5,F5	75	F	Colon	Adenocarcinoma	II	T3N1M0
E6,F6	71	M	Colon	Adenocarcinoma	II	T3N0M0
E7,F7	75	M	Colon	Adenocarcinoma	II	T2N0M0
E8,F8	33	F	Colon	Adenocarcinoma	II	T2N0M0
E9,F9	43	F	Colon	Adenocarcinoma	II	T3N1M0
E10,F10	43	M	Colon	Adenocarcinoma	II	T2N0M0



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E11,F11	89	M	Colon	Adenocarcinoma	II	T2N0M0
E12,F12	69	F	Colon	Adenocarcinoma	II	T3N0M0
G1,H1	72	F	Colon	Adenocarcinoma	II	T3N1M0
G2,H2	66	M	Colon	Adenocarcinoma	III	T3N1M0
G3,H3	72	F	Colon	Adenocarcinoma	III	T2N0M0
G4,H4	41	F	Colon	Adenocarcinoma	III	T2N0M0
G5,H5	42	M	Colon	Mucinous adenocarcinoma		T3N1M0
G6,H6	52	M	Colon	Mucinous adenocarcinoma		T3N1M0
G7,H7	46	F	Colon	Mucinous adenocarcinoma		T2N0M0
G8,H8	55	M	Colon	Mucinous adenocarcinoma		T3N1M0
G9,H9	37	M	Colon	Mucinous adenocarcinoma		T2N0M0
G10,H10	56	M	Colon	Mucinous adenocarcinoma		T3N1M0
G11,H11	60	M	Colon	Non Hodgkin's lymphoma		
G12,H12	48	M	Colon	Non Hodgkin's lymphoma		

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.

Certified by: Langxing Pan, M.D.

TNM Classification: Colon and Rectum Carcinoma

T- Primary tumor

- TX - Primary tumor cannot be assessed
- TO - 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
- NO - 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
- MO - No distant metastasis
- M1 - Distant metastasis