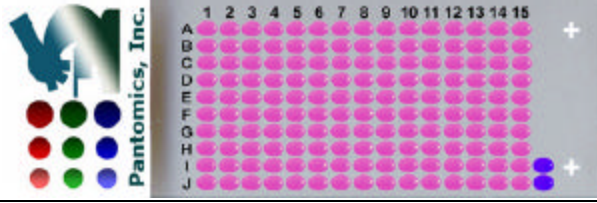




Cat No: COC1503 – Colon cancer tissue array

Lot#	Cores	Size	Cut	Format	QA/QC
COC150301	150	1.1mm	4um	10X15	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, non-overlapping with either COC1501 or COC1502, 150 cores including 75 cases of normal, reactive and cancerous (different grades & stages) tissues of the colon 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)	Images
A1,B1	30	F	Colon	Normal			
A2,B2	35	F	Colon	Polyps			
A3,B3	32	F	Colon	Polyps			
A4,B4	53	M	Colon	Adenoma			
A5,B5	65	M	Colon	Adenoma			
A6,B6	68	M	Colon	Adenocarcinoma	II	T3N0M0	
A7,B7	62	F	Colon	Adenocarcinoma	II	T3N1M0	
A8,B8	56	M	Colon	Adenocarcinoma	II	T2N0M0	
A9,B9	67	M	Colon	Adenocarcinoma	II	T2N0M0	
A10,B10	30	F	Colon	Mucinous adenocarcinoma		T3N0M0	
A11,B11	65	M	Colon	Adenocarcinoma	II~III	T3N0M0	
A12,B12	71	F	Colon	Adenocarcinoma	II~III	T3N1M0	
A13,B13	50	M	Colon	Adenocarcinoma	III	T2N0M0	
A14,B14	55	M	Colon	Adenocarcinoma	II	T2N0M0	
A15,B15	58	F	Colon	Adenocarcinoma	I	T3N1M0	
C1,D1	58	M	Colon	Adenocarcinoma	II	T2N0M0	
C2,D2	42	F	Colon	Adenocarcinoma	II	T2N0M0	
C3,D3	70	F	Colon	Adenocarcinoma	I	T2N0M0	
C4,D4	74	M	Colon	Adenocarcinoma	I	T3N0M0	
C5,D5	67	M	Colon	Papillary adenocarcinoma		T3N1M0	
C6,D6	52	F	Colon	Adenocarcinoma	I	T3N0M0	
C7,D7	61	F	Colon	Adenocarcinoma	I	T3N0M0	
C8,D8	57	M	Colon	Adenocarcinoma	II	T2N1M0	
C9,D9	65	M	Colon	Adenocarcinoma	II	T2N0M0	
C10,D10	57	M	Colon	Adenocarcinoma	I	T3N1M0	
C11,D11	74	F	Colon	Adenocarcinoma	II	T3N0M0	
C12,D12	33	M	Colon	Adenocarcinoma	II	T2N0M0	
C13,D13	72	F	Colon	Adenocarcinoma	II	T3N2M0	
C14,D14	66	M	Colon	Adenocarcinoma	II	T3N0M0	
C15,D15	68	M	Colon	Adenocarcinoma	II	T2N0M0	
E1,F1	65	M	Colon	Adenocarcinoma	II	T3N0M0	
E2,F2	71	F	Colon	Adenocarcinoma	II	T3N1M0	
E3,F3	83	M	Colon	Adenocarcinoma	III	T3N0M0	
E4,F4	77	M	Colon	Adenocarcinoma	II	T3N0M0	
E5,F5	68	M	Colon	Adenocarcinoma	II~III	T2N0M0	



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E6,F6	60	M	Colon	Adenocarcinoma	II	T2NOMO	
E7,F7	83	M	Colon	Adenocarcinoma	I~II	T3NOMO	
E8,F8	52	M	Colon	Adenocarcinoma	I	T3NOMO	
E9,F9	79	M	Colon	Adenocarcinoma	I~II	T2NOMO	
E10,F10	70	M	Colon	Adenocarcinoma	I~II	T3N1MO	
E11,F11	68	M	Colon	Mucinous adenocarcinoma		T3NOMO	
E12,F12	38	F	Colon	Adenocarcinoma	II	T2NOMO	
E13,F13	42	M	Colon	Adenocarcinoma	II	T3NOMO	
E14,F14	84	F	Colon	Adenocarcinoma	II	T3NOMO	
E15,F15	79	M	Colon	Adenocarcinoma	I	T3NOMO	
G1,H1	69	M	Colon	Adenocarcinoma	I~II	T2NOMO	
G2,H2	54	M	Colon	Adenocarcinoma	III	T3NOMO	
G3,H3	68	M	Colon	Adenocarcinoma	II	T3N1MO	
G4,H4	76	F	Colon	Adenocarcinoma	II~III	T3N1MO	
G5,H5	34	F	Colon	Adenocarcinoma	III	T3NOMO	
G6,H6	28	M	Colon	Adenocarcinoma	II	T3NOMO	
G7,H7	45	M	Colon	Adenocarcinoma	II~III	T3NOMO	
G8,H8	21	F	Colon	Adenocarcinoma	II	T3NOMO	
G9,H9	80	F	Colon	Adenocarcinoma	II	T3NOMO	
G10,H10	72	M	Colon	Adenocarcinoma	I~II	T3NOMO	
G11,H11	72	M	Colon	Adenocarcinoma	II	T3NOMO	
G12,H12	59	F	Colon	Adenocarcinoma	I~II	T3NOMO	
G13,H13	66	F	Colon	Adenocarcinoma	II	T3NOMO	
G14,H14	35	M	Colon	Adenocarcinoma	I~II	T3NOMO	
G15,H15	58	M	Colon	Adenocarcinoma	II	T2NOMO	
I1,J1	68	F	Colon	Adenocarcinoma	III	T4N2MO	
I2,J2	70	M	Colon	Adenocarcinoma	II	T2NOMO	
I3,J3	80	F	Colon	Adenocarcinoma	II	T3NOMO	
I4,J4	55	M	Colon	Adenocarcinoma	III	T3NOMO	
I5,J5	74	F	Colon	Adenocarcinoma	I~II	T3NOMO	
I6,J6	79	M	Colon	Adenocarcinoma	II	T2NOMO	
I7,J7	61	F	Colon	Mucinous adenocarcinoma		T3NOMO	
I8,J8	54	M	Colon	Adenocarcinoma	I~II	T3NOMO	
I9,J9	70	M	Colon	Adenocarcinoma	II	T2NOMO	
I10,J10	70	F	Colon	Adenocarcinoma	I~II	T3N1MO	
I11,J11	42	M	Colon	Mucinous adenocarcinoma		T3NOMO	
I12,J12	72	M	Colon	Metastatic adenocarcinoma			
I13,J13	78	M	Colon	Adenocarcinoma	II	T3NOMO	
I14,J14	50	M	Colon	Adenocarcinoma	I~II	T2NOMO	
I15,J15	49	F	Colon	Adenocarcinoma	I~II	T2NOMO	

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