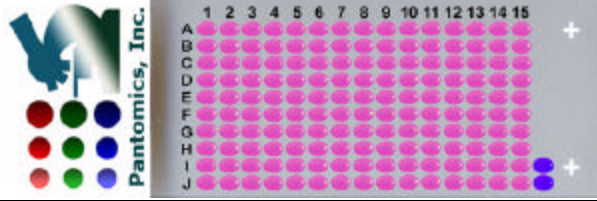




Cat No: COC1501 – Colon cancer tissue array

Lot#	Cores	Size	Cut	Format	QA/QC
COC150101	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, 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)
A1,B1	24	M	Colon	Adenoma		
A2,B2	71	M	Colon	Adenoma		
A3,B3	65	M	Colon	Adenoma		
A4,B4	49	F	Colon	Normal		
A5,B5	60	M	Colon	Normal		
A6,B6	57	M	Colon	Signet ring cell carcinoma		T3N1M0
A7,B7	39	F	Colon	Adenocarcinoma	I~II	T3N1M0
A8,B8	53	M	Colon	Adenocarcinoma	II	T3N0M0
A9,B9	80	M	Colon	Adenocarcinoma	II~III	T2N0M0
A10,B10	49	F	Colon	Adenocarcinoma	I~II	T3N0Mo
A11,B11	73	M	Colon	Adenocarcinoma	II~III	T2N1M0
A12,B12	51	M	Colon	Adenocarcinoma	II	T3N1M0
A13,B13	64	M	Colon	Adenocarcinoma	II	T3N0M0
A14,B14	62	F	Colon	Adenocarcinoma	I~II	T3N1M0
A15,B15	60	M	Colon	Adenocarcinoma	II	T2N1M0
C1,D1	77	M	Colon	Adenocarcinoma	II	T3N0M0
C2,D2	19	F	Colon	Adenocarcinoma	II	T2N0M0
C3,D3	53	M	Colon	Adenocarcinoma	I~II	T2N0M0
C4,D4	51	F	Colon	Adenocarcinoma	II	T3N0M0
C5,D5	58	F	Colon	Adenocarcinoma	II~III	T3N0M0
C6,D6	92	M	Colon	Adenocarcinoma	II	T3N1M0
C7,D7	67	M	Colon	Adenocarcinoma	II	T3N2M0
C8,D8	72	M	Colon	Adenocarcinoma	II	T2N0M0
C9,D9	34	M	Colon	Adenocarcinoma	I	T3N0M0
C10,D10	57	M	Colon	Adenocarcinoma	II	T2N0M0
C11,D11	59	M	Colon	Adenocarcinoma	I	T3N1M0
C12,D12	69	M	Colon	Adenocarcinoma	II	T2N0M0
C13,D13	63	M	Colon	Adenocarcinoma	II	T3N0M0
C14,D14	48	M	Colon	Adenocarcinoma	II~III	T2N0M0
C15,D15	53	M	Colon	Adenocarcinoma	II	T2N0M0
E1,F1	70	M	Colon	Adenocarcinoma	I~II	T3N0M0
E2,F2	52	M	Colon	Adenocarcinoma	II	T2N0M0
E3,F3	46	M	Colon	Adenocarcinoma	II	T3N0M0
E4,F4	67	M	Colon	Adenocarcinoma	II	T3N1M0
E5,F5	72	F	Colon	Adenocarcinoma	II	T3N0M0



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E6,F6	64	M	Colon	Adenocarcinoma	I~II	T3N0M0
E7,F7	58	M	Colon	Adenocarcinoma	I	T3N0M0
E8,F8	54	M	Colon	Adenocarcinoma	I~II	T2N0M0
E9,F9	56	M	Colon	Adenocarcinoma	I~II	T2N0M0
E10,F10	50	F	Colon	Adenocarcinoma	I~II	T2N0M0
E11,F11	52	F	Colon	Adenocarcinoma	III	T3N1M0
E12,F12	65	M	Colon	Adenocarcinoma	II	T3N1M0
E13,F13	40	F	Colon	Adenocarcinoma	II~III	T3N0M0
E14,F14	49	F	Colon	Adenocarcinoma	II~III	T3N0M0
E15,F15	50	F	Colon	Adenocarcinoma	II~III	T3N0M0
G1,H1	31	F	Colon	Adenocarcinoma	II	T2N0M0
G2,H2	60	M	Colon	Adenocarcinoma	II	T3N0M0
G3,H3	42	F	Colon	Adenocarcinoma	I~II	T3N0M0
G4,H4	54	M	Colon	Adenocarcinoma	I~II	T2N0M0
G5,H5	65	F	Colon	Adenocarcinoma	I~II	T2N0M0
G6,H6	62	F	Colon	Adenocarcinoma	I~II	T3N0M0
G7,H7	50	M	Colon	Adenocarcinoma	I~II	T3N0M0
G8,H8	51	F	Colon	Adenocarcinoma	II	T2N0M0
G9,H9	35	M	Colon	Adenocarcinoma	II~III	T3N1M0
G10,H10	80	M	Colon	Adenocarcinoma	II	T2N0M0
G11,H11	71	M	Colon	Adenocarcinoma	II	T2N0M0
G12,H12	57	F	Colon	Adenocarcinoma	II	T3N0M0
G13,H13	73	F	Colon	Adenocarcinoma	II	T2N0M0
G14,H14	52	F	Colon	Adenocarcinoma	II	T2N0M0
G15,H15	75	M	Colon	Adenocarcinoma	II	T2N0M0
I1,J1	23	F	Colon	Adenocarcinoma	II	T2N0M0
I2,J2	55	F	Colon	Adenocarcinoma	II	T3N1M0
I3,J3	67	M	Colon	Adenocarcinoma	II	T3N1M0
I4,J4	72	M	Colon	Adenocarcinoma	II	T2N0M0
I5,J5	67	M	Colon	Adenocarcinoma	II	T3N1M0
I6,J6	70	F	Colon	Adenocarcinoma	I~II	T2N0M0
I7,J7	81	M	Colon	Adenocarcinoma	II	T3N1M0
I8,J8	64	M	Colon	Adenocarcinoma	I	T3N1M0
I9,J9	82	M	Colon	Adenocarcinoma	II	T3N1M0
I10,J10	43	F	Colon	Adenocarcinoma	II	T3N1M0
I11,J11	79	F	Colon	Adenocarcinoma	II	T3N1M0
I12,J12	73	M	Colon	Adenocarcinoma	II	T2N0M0
I13,J13	62	M	Colon	Adenocarcinoma	I~II	T3N0M0
I14,J14	69	F	Colon	Mucinous adenocarcinoma	II	T2N0M0
I15,J15	56	F	Colon	Adenocarcinoma	II~III	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.

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