

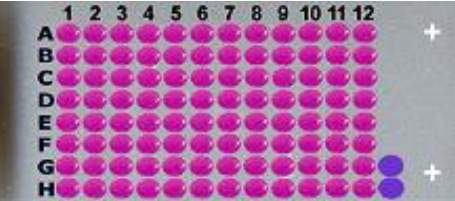


Quickarrays, Inc

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Advancing Biomedical Science Through Tissue Arrays

Cat No: **COC961** – Colon cancer tissue array

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

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 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	F	30	Intestine, colon	Normal	null	null
A02	M	28	Intestine, colon	Normal	null	null
A03	M	64	Intestine, colon	Normal	null	null
A04	M	55	Intestine, colon	Normal	null	null
A05	M	71	Intestine, colon	Normal	null	null
A06	M	54	Intestine, colon	Polyps	null	null
A07	M	5	Intestine, colon	Juvenile polyp	null	null
A08	M	78	Intestine, colon	Polyps	null	null
A09	F	30	Intestine, colon	Polyps	null	null
A10	M	50	Intestine, colon	Adenoma	null	null
A11	F	49	Intestine, colon	Adenoma	null	null
A12	M	48	Intestine, colon	Adenoma	null	null
B01	F	30	Intestine, colon	Normal	null	null
B02	M	28	Intestine, colon	Normal	null	null
B03	M	64	Intestine, colon	Normal	null	null
B04	M	55	Intestine, colon	Normal	null	null
B05	M	71	Intestine, colon	Normal	null	null
B06	M	54	Intestine, colon	Polyps	null	null
B07	M	5	Intestine, colon	Juvenile polyp	null	null
B08	M	78	Intestine, colon	Polyps	null	null
B09	F	30	Intestine, colon	Polyps	null	null
B10	M	50	Intestine, colon	Adenoma	null	null
B11	F	49	Intestine, colon	Adenoma	null	null
B12	M	48	Intestine, colon	Adenoma	null	null
C01	F	66	Intestine, colon	Adenocarcinoma	I	T1N0M0
C02	M	62	Intestine, colon	Adenocarcinoma	II	T3N2M0
C03	F	68	Intestine, colon	Adenocarcinoma	I	T2N0M0
C04	F	60	Intestine, colon	Adenocarcinoma	I	T3N0M0
C05	F	76	Intestine, colon	Adenocarcinoma	I	T3N0M0
C06	M	69	Intestine, colon	Adenocarcinoma	I~II	T2N0M0
C07	F	70	Intestine, colon	Adenocarcinoma	I	T3N0M0
C08	F	70	Intestine, colon	Adenocarcinoma	I	T3N0M0
C09	F	71	Intestine, colon	Adenocarcinoma	I~II	T2N0M0
C10	F	55	Intestine, colon	Adenocarcinoma	I	T2N1M0
C11	F	58	Intestine, colon	Adenocarcinoma	I	T2N1M0
C12	F	51	Intestine, colon	Adenocarcinoma	I	T3N2M0
D01	F	66	Intestine, colon	Adenocarcinoma	I	T1N0M0
D02	M	62	Intestine, colon	Adenocarcinoma	II	T3N2M0
D03	F	68	Intestine, colon	Adenocarcinoma	I	T2N0M0



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D04	F	60	Intestine, colon	Adenocarcinoma	I	T3N0M0
D05	F	76	Intestine, colon	Adenocarcinoma	I	T3N0M0
D06	M	69	Intestine, colon	Adenocarcinoma	I~II	T2N0M0
D07	F	70	Intestine, colon	Adenocarcinoma	I	T3N0M0
D08	F	70	Intestine, colon	Adenocarcinoma	I	T3N0M0
D09	F	71	Intestine, colon	Adenocarcinoma	I~II	T2N0M0
D10	F	55	Intestine, colon	Adenocarcinoma	I	T2N1M0
D11	F	58	Intestine, colon	Adenocarcinoma	I	T2N1M0
D12	F	51	Intestine, colon	Adenocarcinoma	I	T3N2M0
E01	M	60	Intestine, colon	Adenocarcinoma	II	T2N0M0
E02	M	45	Intestine, colon	Adenocarcinoma	II	T2N0M0
E03	M	70	Intestine, colon	Adenocarcinoma	II	T3N0M0
E04	M	75	Intestine, colon	Adenocarcinoma	II	T2N0M0
E05	F	75	Intestine, colon	Adenocarcinoma	II	T3N0M0
E06	M	71	Intestine, colon	Adenocarcinoma	II	T3N2M0
E07	M	75	Intestine, colon	Adenocarcinoma	II	T3N0M0
E08	F	43	Intestine, colon	Adenocarcinoma	II	T3N1M0
E09	F	33	Intestine, colon	Adenocarcinoma	II	T2N1M0
E10	M	43	Intestine, colon	Adenocarcinoma	II	T2N0M0
E11	M	89	Intestine, colon	Adenocarcinoma	II	T2N0M0
E12	F	69	Intestine, colon	Adenocarcinoma	II	T3N0M0
F01	M	60	Intestine, colon	Adenocarcinoma	II	T2N0M0
F02	M	45	Intestine, colon	Adenocarcinoma	II	T2N0M0
F03	M	70	Intestine, colon	Adenocarcinoma	II	T3N0M0
F04	M	75	Intestine, colon	Adenocarcinoma	II	T2N0M0
F05	F	75	Intestine, colon	Adenocarcinoma	II	T3N0M0
F06	M	71	Intestine, colon	Adenocarcinoma	II	T3N2M0
F07	M	75	Intestine, colon	Adenocarcinoma	II	T3N0M0
F08	F	43	Intestine, colon	Adenocarcinoma	II	T3N1M0
F09	F	33	Intestine, colon	Adenocarcinoma	II	T2N1M0
F10	M	43	Intestine, colon	Adenocarcinoma	II	T2N0M0
F11	M	89	Intestine, colon	Adenocarcinoma	II	T2N0M0
F12	F	69	Intestine, colon	Adenocarcinoma	II	T3N0M0
G01	F	62	Intestine, colon	Adenocarcinoma	II	T3N0M0
G02	M	66	Intestine, colon	Adenocarcinoma	III	T3N1M1
G03	F	72	Intestine, colon	Adenocarcinoma	III	T2N0M0
G04	F	41	Intestine, colon	Undifferentiated carcinoma	null	T2N0M0
G05	M	42	Intestine, colon	Mucinous adenocarcinoma	null	T3N1M0
G06	M	52	Intestine, colon	Mucinous adenocarcinoma	null	T3N1M0
G07	F	46	Intestine, colon	Mucinous adenocarcinoma	null	T2N0M0
G08	M	55	Intestine, colon	Mucinous adenocarcinoma	null	T3N1M0
G09	M	37	Intestine, colon	Mucinous adenocarcinoma	II	T2N0M0
G10	M	56	Intestine, colon	Mucinous adenocarcinoma	null	T3N1M0
G11	M	60	Intestine, colon	Lymphoma, non-Hodgkin B cell lymphoma	null	null
G12	M	48	Intestine, colon	Lymphoma, non-Hodgkin lymphoma	null	null
H01	F	62	Intestine, colon	Adenocarcinoma	II	T3N0M0
H02	M	66	Intestine, colon	Adenocarcinoma	III	T3N1M1
H03	F	72	Intestine, colon	Adenocarcinoma	III	T2N0M0
H04	F	41	Intestine, colon	Undifferentiated carcinoma	null	T2N0M0
H05	M	42	Intestine, colon	Mucinous adenocarcinoma	null	T3N1M0
H06	M	52	Intestine, colon	Mucinous adenocarcinoma	null	T3N1M0
H07	F	46	Intestine, colon	Mucinous adenocarcinoma	null	T2N0M0
H08	M	55	Intestine, colon	Mucinous adenocarcinoma	null	T3N1M0
H09	M	37	Intestine, colon	Mucinous adenocarcinoma	II	T2N0M0
H10	M	56	Intestine, colon	Mucinous adenocarcinoma	null	T3N1M0
H11	M	60	Intestine, colon	Lymphoma, non-Hodgkin B cell lymphoma	null	null
H12	M	48	Intestine, colon	Lymphoma, non-Hodgkin lymphoma	null	null



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.

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