



Cat No: **STC1501 - Stomach cancer tissue array**

Lot#	Cores	Size	Cut	Format	QA/QC	Pantomics, Inc.	
STC150101	150	1.1mm	4um	10X15	H&E, IHC anti-Cytokeratin		

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

Description: Stomach cancer tissue array, 150 cores including 75 cases of normal, reactive and cancerous (different grades & stages) tissues of the stomach 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	35	M	Stomach	Normal		
A2,B2	83	M	Stomach	Normal		
A3,B3	53	M	Stomach	Chronic gastritis		
A4,B4	54	M	Stomach	Chronic gastritis		
A5,B5	59	M	Stomach	Gastric stromal tumor		
A6,B6	68	F	Stomach	Signet-ring cell adenocarcinoma		T3N2M0
A7,B7	42	M	Stomach	Adenocarcinoma	III	T3N1M0
A8,B8	44	F	Stomach	Adenocarcinoma	II~III	T2N0M0
A9,B9	54	F	Stomach	Adenocarcinoma	I	T2N0M0
A10,B10	51	M	Stomach	Adenocarcinoma	II~III	T2N0M0
A11,B11	61	M	Stomach	Adenocarcinoma	II~III	T3N1M0
A12,B12	50	M	Stomach	Adenocarcinoma	II	T2N0M0
A13,B13	53	F	Stomach	Adenocarcinoma	III	T2N0M0
A14,B14	55	M	Stomach	Adenocarcinoma	III	T3N1M0
A15,B15	73	F	Stomach	Adenocarcinoma	II	T3N1M0
C1,D1	47	F	Stomach	Adenocarcinoma	II~III	T3N0M0
C2,D2	70	M	Stomach	Adenocarcinoma	II~III	T3N0M0
C3,D3	36	M	Stomach	Adenocarcinoma	I~II	T3N0M0
C4,D4	65	M	Stomach	Adenocarcinoma	III	T3N1M0
C5,D5	62	M	Stomach	Adenocarcinoma	III	T3N1M0
C6,D6	77	M	Stomach	Adenocarcinoma	II~III	T3N1M0
C7,D7	45	F	Stomach	Adenocarcinoma	I~II	T2N0M0
C8,D8	67	M	Stomach	Adenocarcinoma	II~III	T3N1M0
C9,D9	62	M	Stomach	Adenocarcinoma	II~III	T3N0M0
C10,D10	55	F	Stomach	Adenocarcinoma	II~III	T3N0M0
C11,D11	75	M	Stomach	Adenocarcinoma	III	T3N1M0
C12,D12	73	M	Stomach	Undifferentiated carcinoma		T3N2M0
C13,D13	41	M	Stomach	Adenocarcinoma	II~III	T3N1M0
C14,D14	58	M	Stomach	Adenocarcinoma	II~III	T3N2M1
C15,D15	52	F	Stomach	Adenocarcinoma	I~II	T2N0M0
E1,F1	63	M	Stomach	Gastric stromal tumor		
E2,F2	72	M	Stomach	Adenocarcinoma	II	T2N0M0
E3,F3	57	M	Stomach	Signet-ring cell adenocarcinoma		T3N1M0
E4,F4	60	M	Stomach	Adenocarcinoma	III	T3N2M0
E5,F5	66	F	Stomach	Adenocarcinoma	III	T3N1M0



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E6,F6	62	M	Stomach	Adenocarcinoma	I~II	T1N0M0
E7,F7	48	F	Stomach	Adenocarcinoma	III	T2N0M0
E8,F8	60	M	Stomach	Adenocarcinoma	II~III	T2N1M0
E9,F9	56	M	Stomach	Adenocarcinoma	III	T2N0M0
E10,F10	54	M	Stomach	Adenocarcinoma	III	T3N1M0
E11,F11	64	F	Stomach	Adenocarcinoma	III	T2N0M0
E12,F12	59	M	Stomach	Adenocarcinoma	III	T3N1M0
E13,F13	75	M	Stomach	Undifferentiated carcinoma		T3N1M0
E14,F14	65	M	Stomach	Signet-ring cell adenocarcinoma		T3N1M0
E15,F15	35	F	Stomach	Adenocarcinoma	III	T3N1M0
G1,H1	71	M	Stomach	Adenocarcinoma	III	T3N0M0
G2,H2	38	M	Stomach	Signet-ring cell adenocarcinoma		T3N0M0
G3,H3	68	M	Stomach	Gastric stromal tumor		
G4,H4	56	F	Stomach	Adenocarcinoma	I~II	T2N0M0
G5,H5	45	M	Stomach	Adenocarcinoma	II	T2N0M0
G6,H6	45	M	Stomach	Adenocarcinoma	III	T3N1M0
G7,H7	74	M	Stomach	Adenocarcinoma	III	T3N0M0
G8,H8	24	F	Stomach	Adenocarcinoma	II	T3N1M0
G9,H9	51	M	Stomach	Lymphoma?		
G10,H10	53	M	Stomach	Signet-ring cell adenocarcinoma		T3N1M0
G11,H11	58	F	Stomach	Lymphoma		
G12,H12	58	F	Stomach	Lymphoma		
G13,H13	81	M	Stomach	Adenocarcinoma	I~II	T3N1M0
G14,H14	56	M	Stomach	Signet-ring cell adenocarcinoma		T3N2M0
G15,H15	35	M	Stomach	Adenocarcinoma	I~II	T2N0M0
I1,J1	61	M	Stomach	Adenocarcinoma	II	T2N0M0
I2,J2	42	M	Stomach	Undifferentiated carcinoma		T2N0M0
I3,J3	78	M	Stomach	Adenocarcinoma	III	T3N2M0
I4,J4	65	F	Stomach	Adenocarcinoma	III	T3N0M0
I5,J5	68	M	Stomach	Adenocarcinoma	II~III	T3N0M0
I6,J6	60	M	Stomach	Adenocarcinoma	II~III	T3N2M0
I7,J7	53	M	Stomach	Adenocarcinoma	II	T2N0M0
I8,J8	76	F	Stomach	Mucinous adenocarcinoma	II	T3N2M0
I9,J9	50	M	Stomach	Adenocarcinoma	II	T3N1M0
I10,J10	74	M	Stomach	Adenocarcinoma	III	T3N0M0
I11,J11	75	F	Stomach	Signet-ring cell adenocarcinoma		T3N1M0
I12,J12	68	F	Stomach	Adenocarcinoma	II~III	T3N0M0
I13,J13	56	F	Stomach	Adenocarcinoma	II~III	T3N1M0
I14,J14	53	F	Stomach	Lymphoma		
I15,J15	80	M	Stomach	Adenocarcinoma	II	T3N1M0

Notes: Please bake the slides 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: Fancai Li, M.D.



TNM Classification : Stomach carcinoma

T- Primary tumor

TX - Primary tumor cannot be assessed

TO - No evidence of primary tumor

Tis - Carcinoma in situ, intraepithelial tumor without invasion of the lamina propria

T1 - Tumor invades lamina propria or submucosa

T2 - Tumor invades muscularis propria or subserosa

T3 - Tumor penetrates serosa (visceral peritoneum) without invasion of adjacent structures

T4 - Tumor invades adjacent structures

N - Regional lymph nodes

NX - Regional lymph nodes cannot be assessed

NO - No regional lymph node metastasis

N1 - Metastasis in 1 to 6 regional lymph nodes

N2 - metastasis in 7 -15 regional lymph nodes

N3 - metastasis in more than 15 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)