
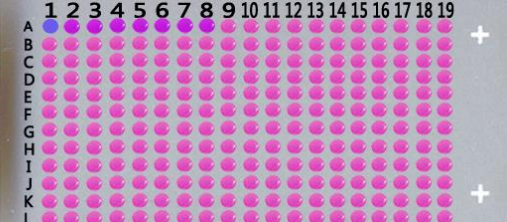


Cat No: STC2281 - Stomach cancer tissue array

Lot#	Cores	Size	Cut	Format	QA/QC	 	
STC228101	228	1.1mm	4um	12X19	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 containing 8 cases of normal/benign conditions and 220 cases of cancers with grading and TNM staging data.

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	M	55	Stomach	Normal	null	null
A02	M	70	Stomach	Chronic gastritis	null	null
A03	M	58	Stomach	Chronic gastritis	null	null
A04	F	50	Stomach	Chronic gastritis	null	null
A05	M	56	Stomach	Chronic gastritis	null	null
A06	M	57	Stomach	Chronic gastritis	null	null
A07	F	83	Stomach	Chronic gastritis	null	null
A08	M	46	Stomach	Chronic gastritis	null	null
A09	M	47	Stomach	Adenocarcinoma	III	T3N0M0
A10	M	56	Stomach	Adenocarcinoma	II	T3N1M0
A11	M	62	Stomach	Carcinoid?	null	null
A12	M	65	Stomach	Adenocarcinoma	II	T3N1M0
A13	M	70	Stomach	Adenocarcinoma	II~III	T2N1M0
A14	F	67	Stomach	Adenocarcinoma	II~III	T3N1M0
A15	M	40	Stomach	Adenocarcinoma	II~III	T3N1M0
A16	M	61	Stomach	Adenocarcinoma	II~III	T3N1M0
A17	F	53	Stomach	Adenocarcinoma	III	T3N1M0
A18	M	56	Stomach	Adenocarcinoma	III	T3N1M0
A19	F	73	Stomach	Adenocarcinoma	II	T4N1M0
B01	F	47	Stomach	Adenocarcinoma	II~III	T3N0M0
B02	F	69	Stomach	Adenocarcinoma	I~II	T3N1M0
B03	F	33	Stomach	Lymphoma, MALT-B cell lymphoma, high grade?	null	null
B04	M	58	Stomach	Adenocarcinoma	III	T3N2M0
B05	M	65	Stomach	Adenocarcinoma	III	T3N1M0
B06	M	77	Stomach	Adenocarcinoma	II~III	T3N1M0
B07	M	70	Stomach	Adenocarcinoma	I~II	T2N0M0
B08	M	67	Stomach	Adenocarcinoma	II~III	T3N1M0
B09	M	77	Stomach	Adenocarcinoma	I~II	T3N1M0
B10	F	55	Stomach	Signet ring cell carcinoma	null	T3N0M0
B11	M	59	Stomach	Gastrointestinal stromal tumor, GIST	I	null
B12	M	75	Stomach	Adenocarcinoma	III	T3N1M0
B13	M	73	Stomach	Undifferentiated carcinoma	null	T3N2M0
B14	F	42	Stomach	Gastrointestinal stromal tumor, GIST	null	null
B15	F	55	Stomach	Gastrointestinal stromal tumor, GIST	II	null
B16	M	63	Stomach	Gastrointestinal stromal tumor, GIST	II½~III	null
B17	M	72	Stomach	Adenocarcinoma	II	T3N1M0
B18	M	57	Stomach	Signet ring cell carcinoma	null	T3N1M0
B19	M	66	Stomach	Adenocarcinoma	II	T2N1M0
C01	M	62	Stomach	Adenocarcinoma	I~II	T1N0M0
C02	M	56	Stomach	Adenocarcinoma	III	T2N0M0

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C03	M	54	Stomach	Adenocarcinoma	III	T3N1M0
C04	F	42	Stomach	Adenocarcinoma	III	T3N2M0
C05	M	70	Stomach	Adenocarcinoma	I	T2N1M0
C06	M	74	Stomach	Adenocarcinoma	III	T3N1M0
C07	F	64	Stomach	Undifferentiated carcinoma	null	T3N1M0
C08	M	51	Stomach	Adenocarcinoma	II	T3N1M0
C09	M	48	Stomach	Adenocarcinoma	II~III	T3N2M0
C10	M	64	Stomach	Adenocarcinoma	II~III	T3N2M0
C11	M	55	Stomach	Adenocarcinoma	III	T3N1M0
C12	M	65	Stomach	Signet ring cell carcinoma	null	T3N1M0
C13	F	35	Stomach	Adenocarcinoma	III	T3N1M0
C14	M	71	Stomach	Adenocarcinoma	III	T3N0M0
C15	M	38	Stomach	Signet ring cell carcinoma	null	T3N1M0
C16	M	37	Stomach	Adenocarcinoma	III	T3N0M0
C17	F	48	Stomach	Adenocarcinoma	III	T2N0M0
C18	F	71	Stomach	Gastrointestinal stromal tumor, GIST	I	null
C19	M	47	Stomach	Adenocarcinoma	III	T3N2M0
D01	M	63	Stomach	Adenocarcinoma	III	T3N1M0
D02	M	47	Stomach	Papillary adenocarcinoma	II	T3N2M0
D03	M	52	Stomach	Adenocarcinoma	III	T2N0M0
D04	M	62	Stomach	Adenocarcinoma	III	T3N2M0
D05	M	66	Stomach	Adenocarcinoma	II	T3N0M0
D06	F	65	Stomach	Signet Ring Cell Carcinoma	null	T3N1M0
D07	M	52	Stomach	Adenocarcinoma	II~III	T3N1M0
D08	F	50	Stomach	Mucinous adenocarcinoma	null	T3N0M0
D09	F	60	Stomach	Gastrointestinal stromal tumor, GIST	II	null
D10	M	36	Stomach	Gastrointestinal stromal tumor, GIST	II	null
D11	M	68	Stomach	Gastrointestinal stromal tumor, GIST	I½~II	null
D12	F	55	Stomach	Adenocarcinoma	I~II	T3N0M0
D13	M	45	Stomach	Adenocarcinoma	III	T2N0M0
D14	M	45	Stomach	Adenocarcinoma	III	T3N2M0
D15	F	24	Stomach	Adenocarcinoma	III	T3N1M0
D16	M	51	Lymph node, mesenteric	Lymphoma, non-Hodgkin T-cell lymphoma	null	null
D17	M	61	Stomach	Adenocarcinoma	III	T3N0M0
D18	M	61	Stomach	Signet ring cell carcinoma	null	T2N0M0
D19	F	58	Stomach	Lymphoma, MALT-B cell lymphoma, high grade	null	null
E01	M	81	Stomach	Adenocarcinoma	I~II	T3N1M0
E02	M	56	Stomach	Signet ring cell carcinoma	null	T3N2M0
E03	M	35	Stomach	Adenocarcinoma	II	T2N1M0
E04	M	61	Stomach	Adenocarcinoma	II~III	T2N1M0
E05	M	42	Stomach	Undifferentiated carcinoma	null	T2N0M0
E06	M	68	Stomach	Adenocarcinoma	III	T3N0M0
E07	M	45	Stomach	Mucinous adenocarcinoma	null	T3N1M0
E08	M	53	Stomach	Adenocarcinoma	II~III	T3N2M0
E09	F	76	Stomach	Mucinous adenocarcinoma	II	T3N2M0
E10	M	50	Stomach	Adenocarcinoma	II	T3N1M0
E11	M	74	Stomach	Squamous cell carcinoma	III	T3N1M0
E12	F	75	Stomach	Signet ring cell carcinoma	null	T3N0M0
E13	F	56	Stomach	Adenocarcinoma	II~III	T3N1M0
E14	F	53	Stomach	Lymphoma, MALT-B cell lymphoma, high grade	null	null
E15	M	50	Stomach	Adenocarcinoma	II~III	T3N1M0
E16	F	62	Stomach	Adenocarcinoma	II~III	T2N1M0
E17	F	50	Stomach	Undifferentiated carcinoma	null	T3N1M0
E18	M	60	Stomach	Adenocarcinoma	III	T2N0M0
E19	M	54	Stomach	Adenocarcinoma	III	T3N1M0
F01	M	63	Stomach	Adenocarcinoma	III	T2N0M0
F02	M	52	Stomach	Adenocarcinoma	III	T3N1M0
F03	M	61	Stomach	Adenocarcinoma	III	T3N2M0
F04	F	71	Stomach	Adenocarcinoma	III	T3N2M0
F05	M	43	Stomach	Adenocarcinoma	II~III	T3N1M0

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F06	F	53	Stomach	Undifferentiated carcinoma	null	T3N1M0
F07	M	52	Stomach	Undifferentiated carcinoma	null	T3N2M0
F08	F	55	Stomach	Adenocarcinoma	III	T3N1M0
F09	M	49	Stomach	Adenocarcinoma	III	T3N1M0
F10	M	61	Stomach	Adenocarcinoma	II~III	T3N1M0
F11	M	45	Stomach	Adenocarcinoma	III	T3N2M0
F12	M	50	Stomach	Signet ring cell carcinoma	null	T2N1M0
F13	F	45	Stomach	Adenocarcinoma	II	T3N1M0
F14	M	65	Stomach	Adenocarcinoma	III	T3N1M0
F15	F	59	Stomach	Adenocarcinoma	III	T3N2M0
F16	F	26	Stomach	Leiomyoma	null	null
F17	M	68	Stomach	Adenocarcinoma	II	T3N0M0
F18	M	29	Stomach	Signet ring cell carcinoma	null	T3N1M0
F19	M	52	Stomach	Adenocarcinoma	I~II	T2N1M0
G01	M	58	Stomach	Gastrointestinal stromal tumor, GIST	null	null
G02	M	65	Stomach	Adenocarcinoma	II	T3N1M0
G03	M	60	Stomach	Adenocarcinoma	III	T2N1M0
G04	F	72	Stomach	Adenocarcinoma	II	T2N0M0
G05	M	44	Stomach	Adenocarcinoma	II	T3N2M0
G06	M	42	Stomach	Lymphoma, non-Hodgkin B-cell lymphoma	null	null
G07	M	63	Stomach	Adenocarcinoma	I	T1N1M0
G08	M	56	Stomach	Gastrointestinal stromal tumor, GIST	null	null
G09	M	65	Stomach	Adenocarcinoma	III	T3N1M0
G10	M	60	Stomach	Adenocarcinoma	III	T3N1M0
G11	F	80	Stomach	Adenocarcinoma	II	T3N1M0
G12	F	57	Stomach	Adenocarcinoma	II	T3N1M0
G13	M	50	Stomach	Adenocarcinoma	II	T1N1M0
G14	M	42	Stomach	Adenocarcinoma	III	T2N1M0
G15	M	67	Stomach	Undifferentiated carcinoma	null	T3N2M0
G16	M	52	Stomach	Adenocarcinoma	II	T3N1M0
G17	F	58	Stomach	Adenocarcinoma	II~III	T2N0M0
G18	M	69	Stomach	Adenocarcinoma	III	T3N1M0
G19	M	82	Stomach	Adenocarcinoma	I~II	T3N0M0
H01	F	60	Stomach	Gastrointestinal stromal tumor, GIST	null	null
H02	M	65	Stomach	Gastrointestinal stromal tumor, GIST	null	null
H03	M	61	Stomach	Adenocarcinoma	II	T3N1M0
H04	M	76	Stomach	Mucinous adenocarcinoma	null	T2N0M0
H05	F	33	Stomach	Undifferentiated carcinoma	null	T3N2M0
H06	M	39	Stomach	Lymphoma, non-Hodgkin lymphoma	null	null
H07	F	54	Stomach	Adenocarcinoma	II	T3N2M0
H08	F	28	Stomach	Adenocarcinoma	II~III	T3N1M0
H09	M	53	Stomach	Adenocarcinoma	III	T3N1M1
H10	F	60	Stomach	Adenocarcinoma	II~III	T2N1M0
H11	F	57	Stomach	Undifferentiated carcinoma	null	T3N0M0
H12	M	62	Stomach	Adenocarcinoma	I~II	T2N0M0
H13	M	53	Stomach	Mucinous adenocarcinoma	null	T3N1M0
H14	M	50	Stomach	Adenocarcinoma	II	T3N0M0
H15	M	83	Stomach	Adenocarcinoma	III	T2N0M0
H16	F	40	Stomach	Adenocarcinoma	III	T3N2M0
H17	M	79	Stomach	Adenocarcinoma	I	T2N1M0
H18	F	59	Stomach	Adenocarcinoma	III	T3N0M0
H19	M	72	Stomach	Adenocarcinoma	I~II	T3N0M0
I01	F	57	Stomach	Adenocarcinoma	III	T3N1M0
I02	M	63	Stomach	Adenocarcinoma	II~III	T2N0M0
I03	M	51	Stomach	Mucinous adenocarcinoma	null	T3N2M0
I04	M	65	Stomach	Adenocarcinoma	II~III	T3N1M0
I05	M	59	Stomach	Undifferentiated carcinoma	null	T2N1M0
I06	M	57	Stomach	Adenocarcinoma	I~II	T2N1M0
I07	F	34	Stomach	Adenocarcinoma	III	T3N1M0
I08	M	70	Stomach	Adenocarcinoma	III	T2N1M0
I09	M	51	Stomach	Adenocarcinoma	II~III	T3N1M0



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I10	M	45	Stomach	Signet ring cell carcinoma	null	T3N2M0
I11	M	53	Stomach	Adenocarcinoma	III	T3N1M0
I12	M	53	Stomach	Adenocarcinoma	II	T3N1M0
I13	M	72	Stomach	Signet ring cell carcinoma	null	T3N1M0
I14	M	64	Stomach	Adenocarcinoma	III	T3N1M0
I15	F	55	Stomach	Signet ring cell carcinoma	null	T3N1M0
I16	M	54	Stomach	Adenocarcinoma	III	T3N1M0
I17	M	62	Stomach	Adenocarcinoma	III	T3N0M0
I18	M	39	Stomach	Adenocarcinoma	II~III	T3N0M0
I19	M	67	Stomach	Adenocarcinoma	III	T2N1M0
J01	M	70	Stomach	Adenocarcinoma	III	T3N2M0
J02	F	42	Stomach	Adenocarcinoma	III	T3N2M0
J03	M	50	Stomach	Adenocarcinoma	III	T3N1M0
J04	M	68	Stomach	Adenocarcinoma	II~III	T3N1M0
J05	M	70	Stomach	Adenocarcinoma	II~III	T2N1M0
J06	M	71	Stomach	Adenocarcinoma	II	T3N1M0
J07	M	40	Stomach	Adenocarcinoma	II~III	T3N1M0
J08	M	50	Stomach	Adenocarcinoma	II~III	T3N2M0
J09	F	66	Stomach	Adenocarcinoma	III	T3N1M0
J10	M	80	Stomach	Adenocarcinoma	III	T3N2M0
J11	M	40	Stomach	Adenocarcinoma	II	T2N0M0
J12	M	55	Stomach	Adenocarcinoma	II~III	T3N0M0
J13	M	71	Stomach	Adenocarcinoma	I~II	T2N0M0
J14	F	63	Stomach	Mucinous adenocarcinoma	null	T3N1M0
J15	F	52	Stomach	Adenocarcinoma	III	T3N1M0
J16	M	58	Stomach	Adenocarcinoma	II	T3N0M0
J17	F	55	Stomach	Adenocarcinoma	II	T2N1M0
J18	M	75	Stomach	Adenocarcinoma	II	T2N0M0
J19	M	68	Stomach	Mucinous adenocarcinoma	null	T3N1M0
K01	F	68	Stomach	Adenocarcinoma	III	T3N2M0
K02	M	71	Stomach	Adenocarcinoma	III	T3N1M0
K03	F	52	Stomach	Adenocarcinoma	III	T3N2M0
K04	M	64	Stomach	Adenocarcinoma	I~II	T3N1M0
K05	M	60	Stomach	Adenocarcinoma	II~III	T3N0M0
K06	M	68	Stomach	Adenocarcinoma	II~III	T4N1M0
K07	M	50	Stomach	Adenocarcinoma	II~III	T3N2M0
K08	M	72	Stomach	Adenocarcinoma	III	T2N1M0
K09	M	82	Stomach	Gastrointestinal stromal tumor, GIST	null	null
K10	M	59	Stomach	Adenocarcinoma	II	T3N1M0
K11	M	40	Stomach	Adenocarcinoma	I~II	T3N1M0
K12	F	53	Stomach	Adenocarcinoma	III	T3N1M0
K13	M	60	Stomach	Adenocarcinoma	III	T3N1M0
K14	M	41	Stomach	Adenocarcinoma	I~II	T3N0M0
K15	M	63	Stomach	Adenocarcinoma	III	T3N2M0
K16	F	57	Stomach	Adenocarcinoma	II	T3N0M0
K17	M	49	Stomach	Adenocarcinoma	III	T3N0M0
K18	M	60	Stomach	Adenocarcinoma	II~III	T2N1M0
K19	F	33	Stomach	Mucinous adenocarcinoma	null	T2N2M0
L01	F	70	Stomach	Adenocarcinoma	II	T3N1M0
L02	M	76	Stomach	Adenocarcinoma	II~III	T3N2M0
L03	M	43	Stomach	Signet ring cell carcinoma	null	T2N1M0
L04	M	58	Stomach	Adenocarcinoma	III	T3N1M0
L05	M	70	Stomach	Adenocarcinoma	III	T3N1M0
L06	F	64	Stomach	Adenocarcinoma	III	T2N1M0
L07	M	59	Stomach	Adenocarcinoma	II	T2N0M0
L08	F	70	Stomach	Adenocarcinoma	I~II	T2N0M0
L09	M	24	Stomach	Adenocarcinoma	II~III	T3N2M0
L10	M	38	Stomach	Adenocarcinoma	II	T3N0M0
L11	M	69	Stomach	Adenocarcinoma	III	T4N2M0
L12	M	58	Stomach	Adenocarcinoma	I~II	T3N1M0
L13	M	65	Stomach	Adenocarcinoma	II	T2N0M0

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L14	M	68	Stomach	Adenocarcinoma	II	T3N1M0
L15	M	48	Stomach	Lymphoma, diffuse large B cell lymphoma	null	null
L16	M	71	Stomach	Adenocarcinoma	II	T3N2M0
L17	F	38	Stomach	Adenocarcinoma	III	T3N1M0
L18	M	71	Stomach	Adenocarcinoma	II~III	T3N1M0
L19	F	56	Stomach	Adenocarcinoma	II~III	T3N0M0

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. For availability of complimentary IHC data, please contact us at info@pantomics.com.

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)