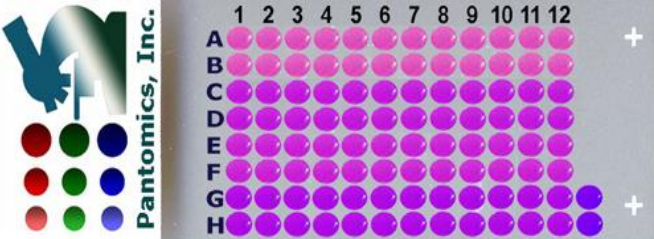


Cat No: STC961 - Stomach cancer tissue array

Lot#	Cores	Size	Cut	Format	QA/QC	Pantomics, Inc.	
STC96101	96	1.5mm	4um	12X8	H&E, IHC anti-Cytokeratin		

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

Description: Stomach cancer tissue array, 96 cores including 36 cases (purple/blue) of gastric cancers and 12 cases of normal, inflammatory and benign tumor tissues of the stomach (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	M	32	Stomach	Normal	null	null
A02	M	6	Stomach	Normal	null	null
A03	F	50	Stomach	Normal	null	null
A04	M	32	Stomach	Chronic gastritis	null	null
A05	M	48	Stomach	Chronic gastritis	null	null
A06	M	71	Stomach	Chronic gastritis	null	null
A07	F	50	Stomach	Gastric ulcer	null	null
A08	F	57	Stomach	Intestinal metaplasia	null	null
A09	M	61	Stomach	Intestinal metaplasia	null	null
A10	M	36	Stomach	Gastrointestinal stromal tumor, GIST	II	null
A11	F	60	Stomach	Gastrointestinal stromal tumor, GIST	II	null
A12	F	71	Stomach	Gastrointestinal stromal tumor, GIST	I	null
B01	M	32	Stomach	Normal	null	null
B02	M	6	Stomach	Normal	null	null
B03	F	50	Stomach	Normal	null	null
B04	M	32	Stomach	Chronic gastritis	null	null
B05	M	48	Stomach	Chronic gastritis	null	null
B06	M	71	Stomach	Chronic gastritis	null	null
B07	F	50	Stomach	Gastric ulcer	null	null
B08	F	57	Stomach	Intestinal metaplasia	null	null
B09	M	61	Stomach	Intestinal metaplasia	null	null
B10	M	36	Stomach	Gastrointestinal stromal tumor, GIST	II	null
B11	F	60	Stomach	Gastrointestinal stromal tumor, GIST	II	null
B12	F	71	Stomach	Gastrointestinal stromal tumor, GIST	I	null
C01	M	74	Stomach	Adenocarcinoma	I	T3N1M0
C02	F	55	Stomach	Adenocarcinoma	I~II	T3N0M0
C03	M	70	Stomach	Adenocarcinoma	I	T2N1M0
C04	M	37	Stomach	Adenocarcinoma	III	T3N0M0
C05	F	50	Stomach	Adenocarcinoma	II	T2N0M0
C06	M	47	Stomach	Adenocarcinoma	II	T3N2M0
C07	M	56	Stomach	Adenocarcinoma	II	T2N0M0
C08	M	66	Stomach	Adenocarcinoma	II	T3N0M0
C09	M	52	Stomach	Adenocarcinoma	II~III	T3N1M0
C10	M	51	Stomach	Adenocarcinoma	II	T3N1M0
C11	M	48	Stomach	Adenocarcinoma	II~III	T3N2M0
C12	M	64	Stomach	Adenocarcinoma	II~III	T3N2M0
D01	M	74	Stomach	Adenocarcinoma	I	T3N1M0

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D02	F	55	Stomach	Adenocarcinoma	I~II	T3N0M0
D03	M	70	Stomach	Adenocarcinoma	I	T2N1M0
D04	M	37	Stomach	Adenocarcinoma	III	T3N0M0
D05	F	50	Stomach	Adenocarcinoma	II	T2N0M0
D06	M	47	Stomach	Adenocarcinoma	II	T3N2M0
D07	M	56	Stomach	Adenocarcinoma	II	T2N0M0
D08	M	66	Stomach	Adenocarcinoma	II	T3N0M0
D09	M	52	Stomach	Adenocarcinoma	II~III	T3N1M0
D10	M	51	Stomach	Adenocarcinoma	II	T3N1M0
D11	M	48	Stomach	Adenocarcinoma	II~III	T3N2M0
D12	M	64	Stomach	Adenocarcinoma	II~III	T3N2M0
E01	F	48	Stomach	Adenocarcinoma	III	T2N0M0
E02	M	35	Stomach	Adenocarcinoma	III	T4N0M0
E03	M	47	Stomach	Adenocarcinoma	III	T3N2M0
E04	M	63	Stomach	Adenocarcinoma	III	T3N1M0
E05	F	74	Stomach	Adenocarcinoma	III	T3N1M0
E06	M	52	Stomach	Adenocarcinoma	III	T2N0M0
E07	F	42	Stomach	Adenocarcinoma	III	T3N2M0
E08	M	38	Stomach	Adenocarcinoma	III	T3N1M0
E09	F	31	Stomach	Adenocarcinoma	III	T4N0M0
E10	M	74	Stomach	Adenocarcinoma	III	T3N1M0
E11	M	67	Stomach	Undifferentiated carcinoma	null	T3N1M0
E12	F	64	Stomach	Undifferentiated carcinoma	null	T3N1M0
F01	F	48	Stomach	Adenocarcinoma	III	T2N0M0
F02	M	35	Stomach	Adenocarcinoma	III	T4N0M0
F03	M	47	Stomach	Adenocarcinoma	III	T3N2M0
F04	M	63	Stomach	Adenocarcinoma	III	T3N1M0
F05	F	74	Stomach	Adenocarcinoma	III	T3N1M0
F06	M	52	Stomach	Adenocarcinoma	III	T2N0M0
F07	F	42	Stomach	Adenocarcinoma	III	T3N2M0
F08	M	38	Stomach	Adenocarcinoma	III	T3N1M0
F09	F	31	Stomach	Adenocarcinoma	III	T4N0M0
F10	M	74	Stomach	Adenocarcinoma	III	T3N1M0
F11	M	67	Stomach	Undifferentiated carcinoma	null	T3N1M0
F12	F	64	Stomach	Undifferentiated carcinoma	null	T3N1M0
G01	F	23	Stomach	Signet ring cell carcinoma	null	T3N1M0
G02	F	42	Stomach	Signet ring cell carcinoma	null	T3N2M0
G03	F	69	Stomach	Mucinous adenocarcinoma	null	T3N2M0
G04	F	50	Stomach	Mucinous adenocarcinoma	null	T3N0M0
G05	F	65	Stomach	Signet Ring Cell Carcinoma	null	T3N1M0
G06	M	62	Stomach	Signet ring cell carcinoma	null	T2N2M0
G07	M	47	Stomach	Signet ring cell carcinoma	null	T3N2M0
G08	F	66	Stomach	Signet ring cell carcinoma	null	T2N0M0
G09	M	72	Stomach	Signet ring cell carcinoma	null	T3N1M0
G10	M	62	Stomach	Adenocarcinoma	III	T3N2M0
G11	M	62	Stomach	Medullary carcinoma	null	T3N2M0
G12	M	65	Stomach	Lymphoma, MALT-B cell lymphoma, high grade	null	null
H01	F	23	Stomach	Signet ring cell carcinoma	null	T3N1M0
H02	F	42	Stomach	Signet ring cell carcinoma	null	T3N2M0
H03	F	69	Stomach	Mucinous adenocarcinoma	null	T3N2M0
H04	F	50	Stomach	Mucinous adenocarcinoma	null	T3N0M0
H05	F	65	Stomach	Signet Ring Cell Carcinoma	null	T3N1M0
H06	M	62	Stomach	Signet ring cell carcinoma	null	T2N2M0
H07	M	47	Stomach	Signet ring cell carcinoma	null	T3N2M0
H08	F	66	Stomach	Signet ring cell carcinoma	null	T2N0M0
H09	M	72	Stomach	Signet ring cell carcinoma	null	T3N1M0
H10	M	62	Stomach	Adenocarcinoma	III	T3N2M0
H11	M	62	Stomach	Medullary carcinoma	null	T3N2M0
H12	M	65	Stomach	Lymphoma, MALT-B cell lymphoma, high grade	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. For availability of complimentary IHC data, please contact us at info@pantomics.com.

Certified by: Langxing Pan, 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)