
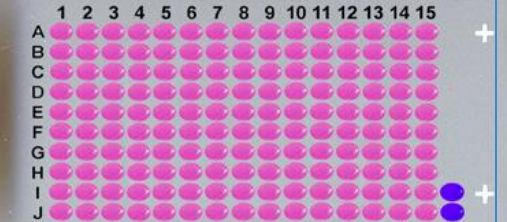


**Cat No: STC1501 - Stomach cancer tissue array**

Lot#	Cores	Size	Cut	Format	QA/QC		
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 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	35	Stomach	Normal	null	null
A02	M	83	Stomach	Normal	null	null
A03	M	53	Stomach	Chronic gastritis	null	null
A04	M	54	Stomach	Chronic gastritis	null	null
A05	M	59	Stomach	Gastrointestinal stromal tumor, GIST	I	null
A06	F	68	Stomach	Signet ring cell carcinoma	null	T3N2M0
A07	M	42	Stomach	Adenocarcinoma	III	T3N1M0
A08	F	44	Stomach	Adenocarcinoma	II	T2N1M0
A09	F	54	Stomach	Adenocarcinoma	II <sup>1</sup> / <sub>2</sub> ~III	T2N1M0
A10	M	51	Stomach	Adenocarcinoma	II <sup>1</sup> / <sub>2</sub> ~II	T2N0M0
A11	M	61	Stomach	Adenocarcinoma	II <sup>1</sup> / <sub>2</sub> ~III	T3N1M0
A12	M	50	Stomach	Adenocarcinoma	II	T3N2M0
A13	F	53	Stomach	Adenocarcinoma	III	T3N1M0
A14	M	56	Stomach	Adenocarcinoma	II <sup>1</sup> / <sub>2</sub> ~II	T3N1M0
A15	F	73	Stomach	Adenocarcinoma	II	T4N1M0
B01	M	35	Stomach	Normal	null	null
B02	M	83	Stomach	Normal	null	null
B03	M	53	Stomach	Chronic gastritis	null	null
B04	M	54	Stomach	Chronic gastritis	null	null
B05	M	59	Stomach	Gastrointestinal stromal tumor, GIST	I	null
B06	F	68	Stomach	Signet ring cell carcinoma	null	T3N2M0
B07	M	42	Stomach	Adenocarcinoma	III	T3N1M0
B08	F	44	Stomach	Adenocarcinoma	II	T2N1M0
B09	F	54	Stomach	Adenocarcinoma	II <sup>1</sup> / <sub>2</sub> ~III	T2N1M0
B10	M	51	Stomach	Adenocarcinoma	II <sup>1</sup> / <sub>2</sub> ~II	T2N0M0
B11	M	61	Stomach	Adenocarcinoma	II <sup>1</sup> / <sub>2</sub> ~III	T3N1M0
B12	M	50	Stomach	Adenocarcinoma	II	T3N2M0
B13	F	53	Stomach	Adenocarcinoma	III	T3N1M0
B14	M	56	Stomach	Adenocarcinoma	II <sup>1</sup> / <sub>2</sub> ~II	T3N1M0
B15	F	73	Stomach	Adenocarcinoma	II	T4N1M0
C01	F	47	Stomach	Adenocarcinoma	II~III	T3N0M0
C02	M	70	Stomach	Adenocarcinoma	II	T3N0M0
C03	M	36	Stomach	Adenocarcinoma	II <sup>1</sup> / <sub>2</sub> ~II	T3N0M0
C04	M	65	Stomach	Adenocarcinoma	II	T3N1M0
C05	M	62	Stomach	Adenocarcinoma	II <sup>1</sup> / <sub>2</sub> ~III	T3N1M0
C06	M	77	Stomach	Adenocarcinoma	II~III	T3N1M0
C07	M	70	Stomach	Adenocarcinoma	I~II	T2N0M0
C08	M	67	Stomach	Adenocarcinoma	II~III	T3N1M0
C09	M	62	Stomach	Adenocarcinoma	II~III	T3N0M0



**Advancing Biomedical Science Through Tissue Arrays**

C10	F	55	Stomach	Signet ring cell carcinoma	null	T3N0M0
C11	M	75	Stomach	Adenocarcinoma	III	T3N1M0
C12	M	73	Stomach	Undifferentiated carcinoma	null	T3N2M0
C13	M	41	Stomach	Adenocarcinoma	II	T3N1M0
C14	M	58	Stomach	Adenocarcinoma	II½žIII	T3N2M0
C15	F	52	Stomach	Adenocarcinoma	II	T3N3M0
D01	F	47	Stomach	Adenocarcinoma	II~III	T3N0M0
D02	M	70	Stomach	Adenocarcinoma	II	T3N0M0
D03	M	36	Stomach	Adenocarcinoma	II½žII	T3N0M0
D04	M	65	Stomach	Adenocarcinoma	II	T3N1M0
D05	M	62	Stomach	Adenocarcinoma	II½žIII	T3N1M0
D06	M	77	Stomach	Adenocarcinoma	II~III	T3N1M0
D07	M	70	Stomach	Adenocarcinoma	I~II	T2N0M0
D08	M	67	Stomach	Adenocarcinoma	II~III	T3N1M0
D09	M	62	Stomach	Adenocarcinoma	II~III	T3N0M0
D10	F	55	Stomach	Signet ring cell carcinoma	null	T3N0M0
D11	M	75	Stomach	Adenocarcinoma	III	T3N1M0
D12	M	73	Stomach	Undifferentiated carcinoma	null	T3N2M0
D13	M	41	Stomach	Adenocarcinoma	II	T3N1M0
D14	M	58	Stomach	Adenocarcinoma	II½žIII	T3N2M0
D15	F	52	Stomach	Adenocarcinoma	II	T3N3M0
E01	M	63	Stomach	Gastrointestinal stromal tumor, GIST	II½žII	null
E02	M	72	Stomach	Adenocarcinoma	II	T3N1M0
E03	M	57	Stomach	Signet ring cell carcinoma	null	T3N1M0
E04	M	60	Stomach	Adenocarcinoma	II~III	T3N2M0
E05	F	66	Stomach	Adenocarcinoma	II	T3N2M0
E06	M	62	Stomach	Adenocarcinoma	II½žII	T1N0M0
E07	F	48	Stomach	Adenocarcinoma	I	T3N1M0
E08	M	60	Stomach	Adenocarcinoma	II½žII	T3N1M0
E09	M	56	Stomach	Adenocarcinoma	III	T2N0M0
E10	M	54	Stomach	Adenocarcinoma	II½žII	T3N1M0
E11	F	64	Stomach	Adenocarcinoma	III	T3N2M0
E12	M	59	Stomach	Adenocarcinoma	II	T3N1M0
E13	M	75	Stomach	Undifferentiated carcinoma	null	T3N1M0
E14	M	65	Stomach	Signet ring cell carcinoma	null	T3N1M0
E15	F	35	Stomach	Adenocarcinoma	III	T3N1M0
F01	M	63	Stomach	Gastrointestinal stromal tumor, GIST	II½žII	null
F02	M	72	Stomach	Adenocarcinoma	II	T3N1M0
F03	M	57	Stomach	Signet ring cell carcinoma	null	T3N1M0
F04	M	60	Stomach	Adenocarcinoma	II~III	T3N2M0
F05	F	66	Stomach	Adenocarcinoma	II	T3N2M0
F06	M	62	Stomach	Adenocarcinoma	II½žII	T1N0M0
F07	F	48	Stomach	Adenocarcinoma	I	T3N1M0
F08	M	60	Stomach	Adenocarcinoma	II½žII	T3N1M0
F09	M	56	Stomach	Adenocarcinoma	III	T2N0M0
F10	M	54	Stomach	Adenocarcinoma	II½žII	T3N1M0
F11	F	64	Stomach	Adenocarcinoma	III	T3N2M0
F12	M	59	Stomach	Adenocarcinoma	II	T3N1M0
F13	M	75	Stomach	Undifferentiated carcinoma	null	T3N1M0
F14	M	65	Stomach	Signet ring cell carcinoma	null	T3N1M0
F15	F	35	Stomach	Adenocarcinoma	III	T3N1M0
G01	M	71	Stomach	Adenocarcinoma	III	T3N0M0
G02	M	38	Stomach	Signet ring cell carcinoma	null	T3N1M0
G03	M	68	Stomach	Gastrointestinal stromal tumor, GIST	II½žII	null
G04	F	56	Stomach	Adenocarcinoma	II	T2N1M0
G05	M	45	Stomach	Adenocarcinoma	III	T2N0M0
G06	M	45	Stomach	Adenocarcinoma	III	T3N2M0
G07	M	74	Stomach	Adenocarcinoma	II½žII	T3N1M0
G08	F	24	Stomach	Adenocarcinoma	III	T3N1M0
G09	M	51	Lymph node, mesenteric	Lymphoma, non-Hodgkin T-cell lymphoma	null	null

**Advancing Biomedical Science Through Tissue Arrays**

G10	M	53	Stomach	Signet ring cell carcinoma	II	T3N1M0
G11	F	58	Stomach	Lymphoma, MALT-B cell lymphoma, high grade	null	null
G12	F	58	Stomach	Lymphoma, MALT-B cell lymphoma, high grade	null	null
G13	M	81	Stomach	Adenocarcinoma	I~II	T3N1M0
G14	M	56	Stomach	Signet ring cell carcinoma	null	T3N2M0
G15	M	35	Stomach	Adenocarcinoma	II	T2N1M0
H01	M	71	Stomach	Adenocarcinoma	III	T3N0M0
H02	M	38	Stomach	Signet ring cell carcinoma	null	T3N1M0
H03	M	68	Stomach	Gastrointestinal stromal tumor, GIST	II½~II	null
H04	F	56	Stomach	Adenocarcinoma	II	T2N1M0
H05	M	45	Stomach	Adenocarcinoma	III	T2N0M0
H06	M	45	Stomach	Adenocarcinoma	III	T3N2M0
H07	M	74	Stomach	Adenocarcinoma	II½~II	T3N1M0
H08	F	24	Stomach	Adenocarcinoma	III	T3N1M0
H09	M	51	Lymph node, mesenteric	Lymphoma, non-Hodgkin T-cell lymphoma	null	null
H10	M	53	Stomach	Signet ring cell carcinoma	II	T3N1M0
H11	F	58	Stomach	Lymphoma, MALT-B cell lymphoma, high grade	null	null
H12	F	58	Stomach	Lymphoma, MALT-B cell lymphoma, high grade	null	null
H13	M	81	Stomach	Adenocarcinoma	I~II	T3N1M0
H14	M	56	Stomach	Signet ring cell carcinoma	null	T3N2M0
H15	M	35	Stomach	Adenocarcinoma	II	T2N1M0
I01	M	61	Stomach	Adenocarcinoma	II	T2N1M0
I02	M	42	Stomach	Undifferentiated carcinoma	null	T2N0M0
I03	M	78	Stomach	Adenocarcinoma	III	T3N2M0
I04	F	65	Stomach	Adenocarcinoma	II~III	T4N0M1
I05	M	68	Stomach	Adenocarcinoma	III	T3N0M0
I06	M	60	Stomach	Adenocarcinoma	III	T3N2M0
I07	M	53	Stomach	Adenocarcinoma	II~III	T3N2M0
I08	F	76	Stomach	Mucinous adenocarcinoma	II	T3N2M0
I09	M	50	Stomach	Adenocarcinoma	II	T3N1M0
I10	M	74	Stomach	Adenocarcinoma	II	T3N1M0
I11	F	75	Stomach	Signet ring cell carcinoma	null	T3N0M0
I12	F	68	Stomach	Adenocarcinoma	III	T3N0M0
I13	F	56	Stomach	Adenocarcinoma	II~III	T3N1M0
I14	F	53	Stomach	Lymphoma, MALT-B cell lymphoma, high grade	null	null
I15	M	50	Stomach	Adenocarcinoma	II½~III	T3N1M0
J01	M	61	Stomach	Adenocarcinoma	II	T2N1M0
J02	M	42	Stomach	Undifferentiated carcinoma	null	T2N0M0
J03	M	78	Stomach	Adenocarcinoma	III	T3N2M0
J04	F	65	Stomach	Adenocarcinoma	II~III	T4N0M1
J05	M	68	Stomach	Adenocarcinoma	III	T3N0M0
J06	M	60	Stomach	Adenocarcinoma	III	T3N2M0
J07	M	53	Stomach	Adenocarcinoma	II~III	T3N2M0
J08	F	76	Stomach	Mucinous adenocarcinoma	II	T3N2M0
J09	M	50	Stomach	Adenocarcinoma	II	T3N1M0
J10	M	74	Stomach	Adenocarcinoma	II	T3N1M0
J11	F	75	Stomach	Signet ring cell carcinoma	null	T3N0M0
J12	F	68	Stomach	Adenocarcinoma	III	T3N0M0
J13	F	56	Stomach	Adenocarcinoma	II~III	T3N1M0
J14	F	53	Stomach	Lymphoma, MALT-B cell lymphoma, high grade	null	null
J15	M	50	Stomach	Adenocarcinoma	II½~III	T3N1M0

**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](mailto: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)