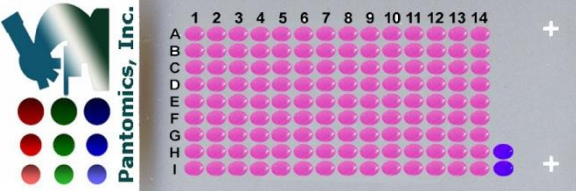


Cat No: STC1261 – Paired stomach cancer/normal tissue array

Lot#	Cores	Size	Cut	Format	QA/QC	
STC126101	126	1.5mm	4um	9X14	H&E, IHC anti-Cytokeratin	

Recommended applications: For research use only. Designed for normal vs cancer IHC or ISH based protein or RNA tissue profiling in gastric cancers.

Description: Paired stomach cancer/normal tissue array, set 1, 42 cases, 126 cores, non-overlapping with STC1262, one normal paired with two tumor tissue cores from each patient, with grading, TNM staging and partial clinical treatment and follow up 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	36	Stomach	Adenocarcinoma	I	T3N0M0
A02	M	64	Stomach	Adenocarcinoma	I	T3N1M0
A03	M	81	Stomach	Adenocarcinoma	I	T3N1M0
A04	M	54	Stomach	Adenocarcinoma	I	T2N1M0
A05	F	70	Stomach	Adenocarcinoma	I	T2N0M0
A06	F	56	Stomach	Adenocarcinoma	I	T2N2M0
A07	F	82	Stomach	Adenocarcinoma	I	T1N0M0
A08	M	45	Stomach	Adenocarcinoma	I	T3N1M0
A09	M	57	Stomach	Adenocarcinoma	I	T2N1M0
A10	M	55	Stomach	Adenocarcinoma	I	T3N0M0
A11	M	51	Stomach	Adenocarcinoma	II	T3N1M0
A12	M	56	Stomach	Adenocarcinoma	II	T2N0M0
A13	M	50	Stomach	Adenocarcinoma	II	T3N1M0
A14	M	65	Stomach	Adenocarcinoma	II	T3N1M0
B01	M	36	Stomach	Adenocarcinoma	I	T3N0M0
B02	M	64	Stomach	Adenocarcinoma	I	T3N1M0
B03	M	81	Stomach	Adenocarcinoma	I	T3N1M0
B04	M	54	Stomach	Adenocarcinoma	I	T2N1M0
B05	F	70	Stomach	Adenocarcinoma	I	T2N0M0
B06	F	56	Stomach	Adenocarcinoma	I	T2N2M0
B07	F	82	Stomach	Adenocarcinoma	I	T1N0M0
B08	M	45	Stomach	Adenocarcinoma	I	T3N1M0
B09	M	57	Stomach	Adenocarcinoma	I	T2N1M0
B10	M	55	Stomach	Adenocarcinoma	I	T3N0M0
B11	M	51	Stomach	Adenocarcinoma	II	T3N1M0
B12	M	56	Stomach	Adenocarcinoma	II	T2N0M0
B13	M	50	Stomach	Adenocarcinoma	II	T3N1M0
B14	M	65	Stomach	Adenocarcinoma	II	T3N1M0
C01	M	36	Stomach	Uninvolved stomach tissue of A1, B1		
C02	M	64	Stomach	Uninvolved stomach tissue of A2, B2		
C03	M	81	Stomach	Uninvolved stomach tissue of A3, B3		



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C04	M	54	Stomach	Uninvolved stomach tissue of A4, B4		
C05	F	70	Stomach	Uninvolved stomach tissue of A5, B5		
C06	F	56	Stomach	Uninvolved stomach tissue of A6, B6		
C07	F	82	Stomach	Uninvolved stomach tissue of A7, B7		
C08	M	45	Stomach	Uninvolved stomach tissue of A8, B8		
C09	M	57	Stomach	Uninvolved stomach tissue of A9, B9		
C10	M	55	Stomach	Uninvolved stomach tissue of A10, B10		
C11	M	51	Stomach	Uninvolved stomach tissue of A11, B11		
C12	M	56	Stomach	Uninvolved stomach tissue of A12, B12		
C13	M	50	Stomach	Uninvolved stomach tissue of A13, B13		
C14	M	65	Stomach	Uninvolved stomach tissue of A14, B14		
D01	F	72	Stomach	Adenocarcinoma	II	T2N0M0
D02	M	52	Stomach	Adenocarcinoma	II	T3N1M0
D03	M	60	Stomach	Adenocarcinoma	II	T3N1M0
D04	M	70	Stomach	Adenocarcinoma	II	T3N2M0
D05	M	68	Stomach	Adenocarcinoma	II	T3N1M0
D06	M	69	Stomach	Adenocarcinoma	II	T2N0M0
D07	M	63	Stomach	Adenocarcinoma	II	T3N1M0
D08	M	60	Stomach	Adenocarcinoma	II	T3N1M0
D09	M	54	Stomach	Adenocarcinoma	II	T4N1M0
D10	M	58	Stomach	Adenocarcinoma	II	T3N0M0
D11	M	68	Stomach	Adenocarcinoma	II	T2N0M0
D12	F	56	Stomach	Adenocarcinoma	II	T3N1M0
D13	M	48	Stomach	Adenocarcinoma	III	T3N1M0
D14	M	48	Stomach	Adenocarcinoma	III	T3N1M0
E01	F	72	Stomach	Adenocarcinoma	II	T2N0M0
E02	M	52	Stomach	Adenocarcinoma	II	T3N1M0
E03	M	60	Stomach	Adenocarcinoma	II	T3N1M0
E04	M	70	Stomach	Adenocarcinoma	II	T3N2M0
E05	M	68	Stomach	Adenocarcinoma	II	T3N1M0
E06	M	69	Stomach	Adenocarcinoma	II	T2N0M0
E07	M	63	Stomach	Adenocarcinoma	II	T3N1M0
E08	M	60	Stomach	Adenocarcinoma	II	T3N1M0
E09	M	54	Stomach	Adenocarcinoma	II	T4N1M0
E10	M	58	Stomach	Adenocarcinoma	II	T3N0M0
E11	M	68	Stomach	Adenocarcinoma	II	T2N0M0
E12	F	56	Stomach	Adenocarcinoma	II	T3N1M0
E13	M	48	Stomach	Adenocarcinoma	III	T3N1M0
E14	M	48	Stomach	Adenocarcinoma	III	T3N1M0
F01	F	72	Stomach	Uninvolved stomach tissue of D1, E1		
F02	M	52	Stomach	Uninvolved stomach tissue of D2, E2		
F03	M	60	Stomach	Uninvolved stomach tissue of D3, E3		
F04	M	70	Stomach	Uninvolved stomach tissue of D4, E4		
F05	M	68	Stomach	Uninvolved stomach tissue of D5, E5		
F06	M	69	Stomach	Uninvolved stomach tissue of D6, E6		
F07	M	63	Stomach	Uninvolved stomach tissue of D7, E7		
F08	M	60	Stomach	Uninvolved stomach tissue of D8, E8		
F09	M	54	Stomach	Uninvolved stomach tissue of D9, E9		
F10	M	58	Stomach	Uninvolved stomach tissue of D10, E10		
F11	M	68	Stomach	Uninvolved stomach tissue of D11, E11		



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F12	F	56	Stomach	Uninvolved stomach tissue of D12, E12		
F13	M	48	Stomach	Uninvolved stomach tissue of D13, E13		
F14	M	48	Stomach	Uninvolved stomach tissue of D14, E14		
G01	M	62	Stomach	Adenocarcinoma	III	T3N1M0
G02	M	50	Stomach	Adenocarcinoma	III	T3N1M0
G03	M	54	Stomach	Adenocarcinoma	III	T3N1M0
G04	F	45	Stomach	Adenocarcinoma	III	T3N1M0
G05	F	51	Stomach	Adenocarcinoma	III	T3N1M0
G06	M	40	Stomach	Adenocarcinoma	III	T3N0M0
G07	M	83	Stomach	Adenocarcinoma	III	T2N0M0
G08	M	55	Stomach	Adenocarcinoma	III	T3N1M0
G09	M	70	Stomach	Adenocarcinoma	III	T3N2M0
G10	M	78	Stomach	Adenocarcinoma	III	T3N1M0
G11	M	68	Stomach	Adenocarcinoma	III	T3N2M0
G12	M	60	Stomach	Adenocarcinoma	III	T3N2M0
G13	F	72	Stomach	Adenocarcinoma	III	T2N0M0
G14	F	51	Stomach	Adenocarcinoma	III	T3N1M0
H01	M	62	Stomach	Adenocarcinoma	III	T3N1M0
H02	M	50	Stomach	Adenocarcinoma	III	T3N1M0
H03	M	54	Stomach	Adenocarcinoma	III	T3N1M0
H04	F	45	Stomach	Adenocarcinoma	III	T3N1M0
H05	F	51	Stomach	Adenocarcinoma	III	T3N1M0
H06	M	40	Stomach	Adenocarcinoma	III	T3N0M0
H07	M	83	Stomach	Adenocarcinoma	III	T2N0M0
H08	M	55	Stomach	Adenocarcinoma	III	T3N1M0
H09	M	70	Stomach	Adenocarcinoma	III	T3N2M0
H10	M	78	Stomach	Adenocarcinoma	III	T3N1M0
H11	M	68	Stomach	Adenocarcinoma	III	T3N2M0
H12	M	60	Stomach	Adenocarcinoma	III	T3N2M0
H13	F	72	Stomach	Adenocarcinoma	III	T2N0M0
H14	F	51	Stomach	Adenocarcinoma	III	T3N1M0
I01	M	62	Stomach	Uninvolved stomach tissue of D1, E1		
I02	M	50	Stomach	Uninvolved stomach tissue of D2, E2		
I03	M	54	Stomach	Uninvolved stomach tissue of D3, E3		
I04	F	45	Stomach	Uninvolved stomach tissue of D4, E4		
I05	F	51	Stomach	Uninvolved stomach tissue of D5, E5		
I06	M	40	Stomach	Uninvolved stomach tissue of D6, E6		
I07	M	83	Stomach	Uninvolved stomach tissue of D7, E7		
I08	M	55	Stomach	Uninvolved stomach tissue of D8, E8		
I09	M	70	Stomach	Uninvolved stomach tissue of D9, E9		
I10	M	78	Stomach	Uninvolved stomach tissue of D10, E10		
I11	M	68	Stomach	Uninvolved stomach tissue of D11, E11		
I12	M	60	Stomach	Uninvolved stomach tissue of D12, E12		
I13	F	72	Stomach	Uninvolved stomach tissue of D13, E13		
I14	F	51	Stomach	Uninvolved stomach tissue of D14, E14		

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)