



Cat No: **STC961 - Stomach cancer tissue array**

Lot#	Cores	Size	Cut	Format	QA/QC		
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; Antibody characterization.

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 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)	Image
A1,B1	32	M	Stomach	Normal			
A2,B2	6	M	Stomach	Normal			
A3,B3	50	F	Stomach	Normal			
A4,B4	32	M	Stomach	Chronic gastritis			
A5,B5	48	M	Stomach	Chronic gastritis			
A6,B6	71	M	Stomach	Chronic gastritis			
A7,B7	50	F	Stomach	Gastric ulcer			
A8,B8	57	F	Stomach	Intestinal metaplasia			
A9,B9	61	M	Stomach	Intestinal metaplasia			
A10,B10	36	M	Stomach	Gastric stromal tumor			
A11,B11	60	F	Stomach	Gastric stromal tumor			
A12,B12	71	F	Stomach	Gastricstromal tumor			
C1,D1	74	M	Stomach	Adenocarcinoma	I	T3N1M0	
C2,D2	55	F	Stomach	Adenocarcinoma	I	T3N0M0	
C3,D3	70	M	Stomach	Adenocarcinoma	I	T2N0M0	
C4,D4	37	M	Stomach	Adenocarcinoma	II	T3N1M0	
C5,D5	50	F	Stomach	Adenocarcinoma	II	T2N0M0	
C6,D6	47	M	Stomach	Adenocarcinoma	II	T2N0M0	
C7,D7	56	M	Stomach	Adenocarcinoma	II	T2N0M0	
C8,D8	66	M	Stomach	Adenocarcinoma	II	T3N1M0	
C9,D9	52	M	Stomach	Adenocarcinoma	II	T2N0M0	
C10,D10	51	M	Stomach	Adenocarcinoma	II	T2N0M0	
C11,D11	48	M	Stomach	Adenocarcinoma	II	T3N1M0	
C12,D12	64	M	Stomach	Adenocarcinoma	II	T3N0M0	
E1,F1	48	F	Stomach	Adenocarcinoma	III	T2N0M0	
E2,F2	35	M	Stomach	Adenocarcinoma	III	T3N1M0	
E3,F3	47	M	Stomach	Adenocarcinoma	III	T3N1M0	
E4,F4	63	M	Stomach	Adenocarcinoma	III	T3N1M0	
E5,F5	74	F	Stomach	Adenocarcinoma	III	T2N0M0	
E6,F6	52	M	Stomach	Adenocarcinoma	III	T2N0M0	
E7,F7	42	F	Stomach	Adenocarcinoma	III	T2N0M0	
E8,F8	38	M	Stomach	Adenocarcinoma	III	T2N0M0	



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E9,F9	31	F	Stomach	Adenocarcinoma	III	T2N0M0	
E10,F10	74	M	Stomach	Adenocarcinoma	III	T3N1M0	
E11,F11	67	M	Stomach	Undifferentiated carcinoma		T2N0M0	
E12,F12	64	F	Stomach	Undifferentiated carcinoma		T3N1M0	
G1,H1	23	F	Stomach	Mucinous adenocarcinoma		T3N1M0	
G2,H2	42	F	Stomach	Mucinous adenocarcinoma		T2N0M0	
G3,H3	69	F	Stomach	Mucinous adenocarcinoma		T3N1M0	
G4,H4	50	F	Stomach	Mucinous adenocarcinoma		T3N1M0	
G5,H5	65	F	Stomach	Mucinous adenocarcinoma		T3N1M0	
G6,H6	62	M	Stomach	Signet-ring cell adenocarcinoma		T2N0M0	
G7,H7	47	M	Stomach	Signet-ring cell adenocarcinoma		T3N1M0	
G8,H8	66	F	Stomach	Signet-ring cell adenocarcinoma		T2N0M0	
G9,H9	72	M	Stomach	Signet-ring cell adenocarcinoma		T2N0M0	
G10,H10	62	M	Stomach	Medullary carcinoma		T2N2M0	
G11,H11	62	M	Stomach	Medullary carcinoma		T2N0M0	
G12,H12	65	M	Stomach	Non Hodgkin's lymphoma			

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: Langxing Pan, M.D.



TNM Classification : Stomach carcinoma

T- Primary tumor

TX - Primary tumor cannot be assessed

T0 - 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

N0 - 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

M0 - No distant metastasis

M1 - Distant metastasis

TNM classification of malignant tumours, Fifth Edition (1997)