



Cat No: **GIST481** – Gastrointestinal stromal tumor tissue array

Lot#	Cores	Size	Cut	Format	QA/QC	Pantomics, Inc.	
GIST48101	48	2mm	4um	6X8	H&E, IHC anti-CD117, CD34, S100		

Recommended applications: For research use only. RNA or protein tissue profiling using IHC or ISH suitable for gastrointestinal stromal tumor related studies.

Description: Gastrointestinal stromal tumor (GIST) tissue array including duplicated 24 cases of uninvolved mucosa and GIST tissues. 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.

Array position	Age	Sex	Anatomic site	Pathology	Nature	cKit	DOG1
A1,B1	48	M	Stomach	Normal		++	-
A2,B2	80	M	Small intestine	Normal		-	-
A3,B3	72	M	Stomach	Stroma tumor	Benign	+++	++~+++
A4,B4	82	M	Small intestine	Stroma tumor	Benign	+++	+++
A5,B5	48	M	Stomach	Stroma tumor	Borderline	++	+~+++
A6,B6	51	M	Small intestine	Stroma tumor	Borderline	+++	+++
A7,B7	59	M	Stomach	Stroma tumor	Borderline	+++	+++
A8,B8	71	F	Stomach	Stroma tumor	Borderline	+++	+++
C1,D1	23	F	Stomach	Stroma tumor	Borderline	+++	+++
C2,D2	55	M	Stomach	Stroma tumor	Malignant	++~+++	++
C3,D3	52	F	Stomach	Stroma tumor	Malignant	++~+++	+
C4,D4	63	M	Small intestine	Stroma tumor	Malignant	+++	+++
C5,D5	41	M	Stomach	Fibrosarcoma	Malignant	-	-
C6,D6	55	F	Stomach	Stroma tumor	Malignant	+++	+++
C7,D7	46	M	Stomach	Stroma tumor	Malignant	+++	+++
C8,D8	42	F	Small intestine	Stroma tumor	Malignant	+++	++~+++
E1,F1	60	F	Stomach	Stroma tumor	Malignant	+++	++~+++
E2,F2	36	M	Stomach	Stroma tumor	Malignant	+++	++~+++
E3,F3	57	F	Colon	Stroma tumor	Malignant	+++	+++
E4,F4	83	M	Stomach	Stroma tumor	Malignant	+++	++~+++
E5,F5	40	M	Stomach	Stroma tumor	Malignant	+++	+++
E6,F6	50	M	Rectum	Stroma tumor	Malignant	+++	+++
E7,F7	83	M	Stomach	Stroma tumor	Malignant	+++	++~+++
E8,F8	69	M	Small intestine	Stroma tumor	Malignant	+++	+++

Notes: Bake 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: Fancai Li, M.D.