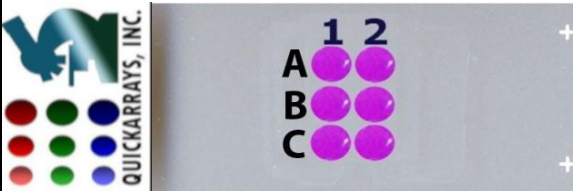


**Cat No: cKit061 – c-kit IHC control Array**

Lot#	Cores	Size	Cut	Format	QA/QC		
cKit06101	6	1.5mm	4um	3X2	H&E, IHC anti-c-kit		

**Recommended applications:** c-kit IHC control with strong, moderate and low/negative expressers.

**Description:** The array contains three cases of GIST. 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.** As validated by IHC, A1, 2 is a strong (>3) expresser, B1, 2 is a moderate to strong (2~3) expresser, C1, 2 is a non-expresser of the ckit molecule.

Array position	Sex	Age	Anatomic site	Pathology	Grade	Staining Intensity
A01	F	55	Stomach	Gastrointestinal stromal tumor, GIST	II	3~3.5
A02	F	55	Stomach	Gastrointestinal stromal tumor, GIST	II	3~3.5
B01	M	48	Stomach	Gastrointestinal stromal tumor, GIST	I	2~3
B02	M	48	Stomach	Gastrointestinal stromal tumor, GIST	I	2~3
C01	M	41	Stomach	Gastrointestinal stromal tumor, GIST	II	-
C02	M	41	Stomach	Gastrointestinal stromal tumor, GIST	II	-

**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.

**Certified by:** Langxing Pan, M.D., Ph.D.

### Interpretation of Pantomics IHC Analysis

"0" is negative. "0.5" is borderline staining with no significance. "1" is weak staining. "1.5" is weak staining with foci of moderate staining. "2" is moderate staining. "2.5" is moderate staining with foci of strong staining. "3" is homogeneous strong staining. "3.5" is very strong and homogeneous staining with no significant background. "4" is over staining usually with background staining.