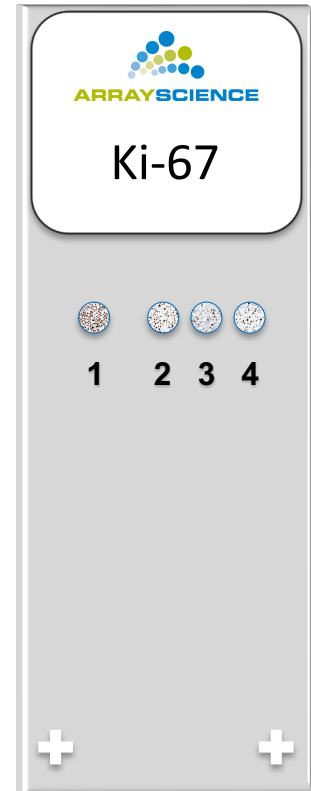




Technical Data Sheet

Ki-67 Standardization Control		Catalog #	Ki67-4-1-3-1-B
		CMA/Lot #	1191
Intended Use	Research Use Only	Date of Issue:	05SEP2023

Description	Ki-67 Standardization Control Block	
Array Science Catalog Number	Ki67-4-1-3-1-B	
Uses	This array provides four cell lines with consistent proliferation indices that can help assess the sensitivity of Ki-67 assays. It is designed for use with the Visiopharm Qualitopix™ platform but may also be used with manual interpretation or other image analysis applications. The array slides may be helpful for initial assay optimization, validation, and daily QC for monitoring assay consistency.	
Composition		Cell type
	1	Colon CA
	2	Breast CA
	3	Breast CA
Composition		Ki-67 Index (approximate)
	1	99 %
	2	85 %
	3	45 %
Core Diameter	1mm	
Core Depth	3mm	
Estimated Yield	Up to 450 sections at 3-4um	
Baking	Slides should be baked at 60-65°C for 1-2 hours prior to staining.	
Cells Per Core	Approximately 2,000 cells are presented in each core on an H&E-stained histologic section.	
Storage Conditions	4°C to 25°C	
Stability	Use blocks within 24 months of the date of manufacture. Slides should be stained within 2 weeks of sectioning.	
Indication	Research Use	



Notes:

1. Target Ki-67 percentages are nominal; the actual proliferation index is consistent within a manufacturing lot but may vary among lots. The detected values will be dependent on assay conditions, including antibody clone and instrumentation, among others.
2. These are formalin fixed paraffin embedded cells that also express estrogen receptor, progesterone receptor, HER2, and other breast markers at a range of intensities.
3. The Visiopharm Qualitopix™ platform may be found at: <https://visiopharm.com/qualitopix/>