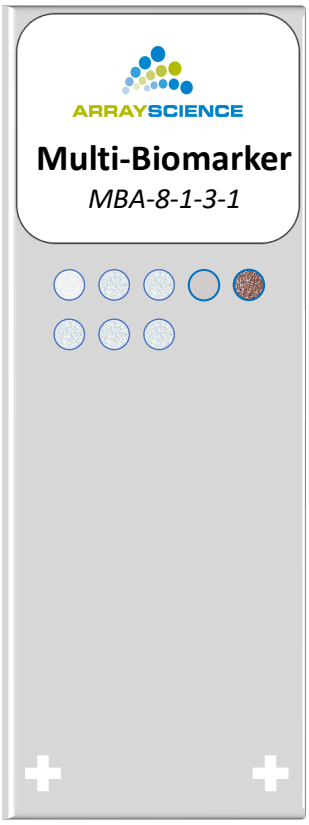
ARRAYSCIENCE	*Technical Data Sheet*	
Multi-Biomarker Control	Catalog #	*MBA-8-1-3-1*
	CMA/Lot #	1131
	Intended Use	*Research Use Only*

Description	**Multi-Biomarker Control**	
Array Science Catalog Number	*MBA-8-1-3-1*	
Uses	Multi-Biomarker Array. This cell culture control array consists of 8 tumor cell lines, including colon, prostate, breast, melanoma, as well as B- and T-cell lymphoma. This array can serve as a control for a wide range of antibody targets and may be helpful in assay optimization, validation, and daily QC for monitoring assay consistency. This control array is suitable for IHC, FISH, and RNA-ISH.	
Composition	**Core**	**Cell type**
	A1	Thyroid Carcinoma (Medullary)
	A2	Prostate Carcinoma
	A3	Colon Carcinoma
	A4	Breast Carcinoma
	A5	Breast Carcinoma
	B1	Melanoma
	B2	Burkitt Lymphoma
	B3	T-cell Acute Lymphoblastic Leukemia
Core Diameter	1mm	
Core Depth	3mm	
Estimated Yield	Up to 450 sections at 3-4um	
Baking	Slides should be thoroughly dried and 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	Ambient	
Stability	Use blocks within 24 months of the date of manufacture. Slides should be stained within 2 weeks of sectioning.	
Indication	Research Use	
Country of Origin	United States	



The above schematic slide shows reactivity for HER2.

Antibody targets reactive in these cell types include:

TTF-1, CDX2, GATA3, VILLIN, PSA, Synaptophysin, Chromogranin, Calcitonin, ER, PR, HER2, Mammaglobin, GCDFP-15, Ki-67, Keratin 7, Keratin 20, CD3, CD20, CD10, CD2, CD4, CD5, CD7, TdT, SOX10, S100, HMB-45, MelanA, PRAME, BRAF V600E, EBV, and more...