

# Tissue and Cell Line Microarrays



## OVERVIEW

As the diagnostics market continues to grow, researchers and clinicians have a greater need for a wide variety of high quality and cost effective control slides. Control slides are invaluable tools utilized by institutions when validating reagents, qualifying new products, testing protocols or performing research which requires multiple tissue types. Bio SB control slides are cost effective, high quality tissues mounted on Hydrophilic Plus slides which are validated for use in immunohistochemical (IHC) and in situ hybridization (ISH) applications.

## FEATURES

- Easy Method of Antibody Validation
- Cost Effective Diagnostic Control
- Test a Large Number of Tissue Types on One Slide
- Available in 11 or 23 Core Format
- Validated for Use with Over 200 Antibodies Used in Immunohistochemistry



Depiction of Normal Human 11 Core TMA

The maps below outline the various normal tissue types used. Each slide comes with a "blank" core for easy orientation & interpretation.

### BSB 0297 - 11 Core Normal Human Tissue Microarray (NH-TMA)

PL - Placenta	Blank	LV - Liver	TL - Tonsil
CL - Colon	SK - Skin	BRN - Brain	BRS - Breast
PR - Prostate	TH - Thyroid	KD - Kidney	FT - Fallopian Tube

### BSB 0298 - 23 Core Normal Human Tissue Microarray (NH-TMA)

PL - Placenta	Blank	BRS - Breast	MY - Myometrium	CX - Cervix	FT - Fallopian Tube
BRN - Brain	PT - Pituitary	AD - Adrenal	PC - Pancreas	SG - Salivary	CL - Colon
LV - Liver	KD - Kidney	TH - Thyroid	LG - Lung	SK - Skin	BL - Bladder
TS - Testis	PR - Prostate	SP - Spleen	TL - Tonsil	BM - Bone Marrow	TY - Thymus

### BSB 0299 - 7 Core Normal Human Lymphoid Tissue Microarray

TL - Tonsil	Blank	LN - Lymph Node	SP - Spleen
TL - Tonsil	TY - Thymus	LN - Lymph Node	SP - Spleen



# Tissue and Cell Line Microarrays



## CANCER HUMAN TISSUE MICROARRAY (CH-TMA) OVERVIEW

The Human Cancer Tissue Microarrays (CH-TMA) consist of 2 mm cores of cancer human formalin-fixed paraffin-embedded tissues which were assembled in array fashion to allow multiplex molecular pathology analysis and validation of reagents, or to be used as tissue controls for Immunohistochemistry and/or in-situ hybridization (CISH and FISH) applications.

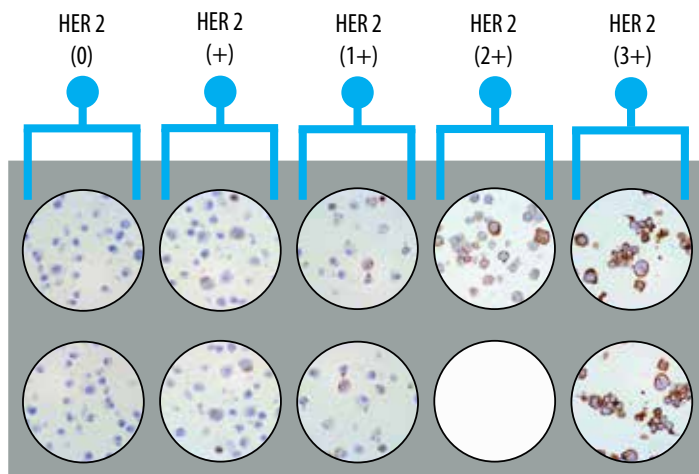


## BSB 0230 - 11 Core Cancer Human Tissue Microarray

The Human Cancer 11-core TMA contains the following human cancer tissues: Chronic Granulocytic Leukemia, Colon Cancer, Prostate Cancer, Squamous Cell Carcinoma, Papillary Thyroid Carcinoma, Ovarian Cancer, Bladder TCC, Melanoma, Testicular Cancer, Ductal Breast Carcinoma, and Cervical Cancer.

## CANCER CELL LINE MICROARRAY (CH-CLMA) OVERVIEW

The Cancer Human Cell Line Microarrays (CH-CLM) consist of 2 mm cores of cancer human formalin-fixed paraffin-embedded cell lines which were assembled in array fashion to allow multiplex molecular pathology analysis and validation of reagents, or to be used as tissue controls for Immunohistochemistry, Immunocytochemistry and/or in-situ hybridization (CISH and FISH) applications.



Above: HER-2 Cell Line Microarray with various signal strengths.

CAT. #	PRESENTATION	QUANTITY
Human Normal and Cancer Tissue Microarrays		
BSB 0297	11-core Human Normal TMA	5 Slides
BSB 0298	23-core Human Normal TMA	5 Slides
BSB 0230	11-core Human Cancer TMA	5 Slides
BSB 0231	23-core Human Cancer TMA	5 Slides
BSB 0299	7-core Human Normal Lymphoid TMA	5 Slides

CAT. #	PRESENTATION	QUANTITY
Cell Line Microarrays		
BSB 0296	3-core ALK Cell Line Microarray	5 Slides
BSB 0292	9-core HER-2 Cell Line Microarray	5 Slides
BSB 0293	7-core ER/PR Cell Line Microarray	5 Slides
BSB 0295	7-core EGFR Cell Line Microarray	5 Slides
BSB 0300	9-core PTEN Cell Line Microarray	5 Slides
BSB 0301	7-core PD-L1 Cell Line Microarray	5 Slides
BSB 0305	5-core BRAF V600E Cell Line Microarray	5 Slides
BSB 0302	11-core Breast Cancer Cell Line Microarray	5 Slides
BSB 0294	7-core HPV Cervical Cancer Cell Line Microarray	5 Slides
BSB 0306	3-core Lung Cancer Cell Line Microarray	5 Slides
BSB 0242	3-core GIST Cell Line Microarray	5 Slides
BSB 0243	5-core Melanoma Cell Line Microarray	5 Slides
BSB 0303	3-core Neuroblastoma Cell Line Microarray	5 Slides
BSB 0304	11-core Immunotherapy Cell Line Microarray	5 Slides
BSB 0244	31-core Multi Cancer Cell Line Microarray	5 Slides

## Infectious Disease Cell Line Microarrays

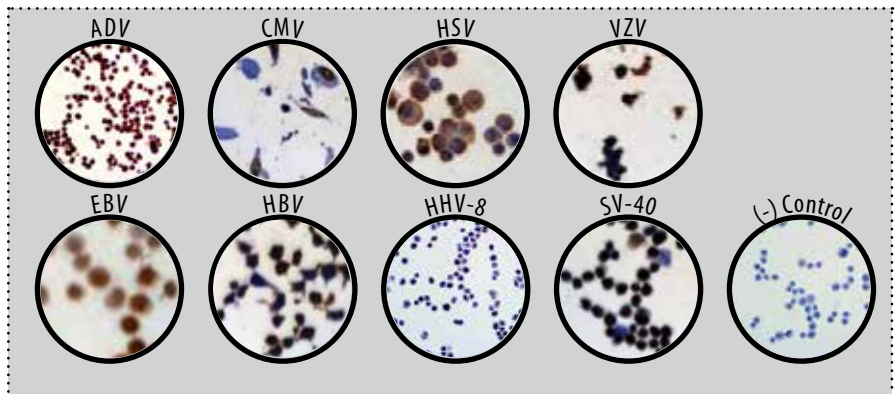
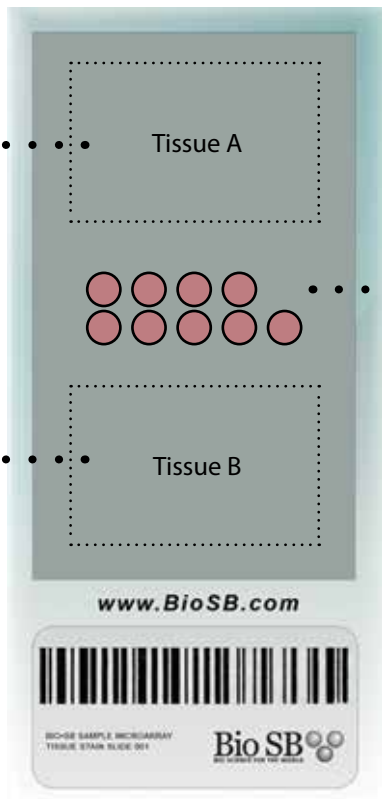


### ID-CLMA FEATURES

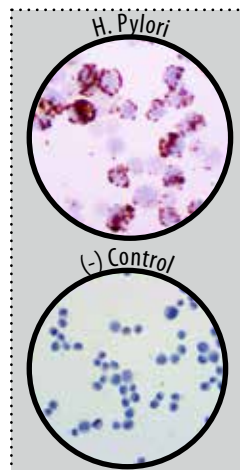
- Test Multiple Infectious Disease Markers
- Optimized for IHC & ISH Applications
- Cost Effective Solutions
- Test Multiple Samples at Once
- Two Control Tissue Mounting Areas for Manual or Automated IHC/ISH users



Depiction of 9-Core Multi-Infectious Cell Line Microarray



Above: 9-Core Multi-Infectious Cell Line Microarray (BSB 0232)



Above: 2-Core H. Pylori Cell Line Microarray (BSB 0241).

CAT. #	PRESENTATION	QUANTITY
Infectious Disease Cell Line Miroarray		
BSB 0232	Multi Infectious Disease Cell Line Array (9-core)	5 Slides
BSB 0233	Adenovirus Cell Line Array (2-core: + and -)	5 Slides
BSB 0234	CMV Cell Line Array (2-core: + and -)	5 Slides
BSB 0235	HSV Cell Line Array (2-core: + and -)	5 Slides
BSB 0236	VZV Cell Line Array (2-core: + and -)	5 Slides
BSB 0237	EBV Cell Line Array (2-core: + and -)	5 Slides
BSB 0238	HBV Cell Line Array (2-core: + and -)	5 Slides
BSB 0239	HHV-8 Cell Line Array (2-core: + and -)	5 Slides
BSB 0240	SV-40 Cell Line Array (2-core: + and -)	5 Slides
BSB 0241	Helicobacter pylori Cell Line Array (2-core: + and -)	5 Slides

- Two tissue mounting areas allow for maximum flexibility and integration for users with automated or manual IHC/ISH systems.