LSBio
LifeSpan BioSciences, Inc.

Breast Cancer Screen 30 Tissue Microarray - LS-SBRCA30

CatalogID:	LS-SBRCA30
Product Name:	Breast Cancer Screen 30
Description:	Breast cancer with stage/grade and normal/non-neoplastic breast
Format:	FFPE
Category:	Human Tumor and Normal
QA/QC:	H&E reviewed; IHC validated with a positive control antibody
Storage:	Short term RT; Long term 4ºC
Clinical History:	No
Tissue Marker:	No
Stage/Grade:	Yes
Core Diameter:	1.5 mm
Core Thickness:	5 µm
Cases:	80
Cores:	80
Slides Per Set:	1

Tissue Microarray Map

Slide 1

LABEL		1	2	3	4	5	6	7	8	9	10
	A	Bst	Bst	Bst	Bst	Bst	Bst	Bst	Bst	Bst	Bst
	B	Bst	Bst	Bst	Bst	Bst	Bst	Bst	Bst	Bst	Bst
	C	Bst	Bst	Bst	Bst	Bst	Bst	Bst	Bst	Bst	Bst
	D	Bst	Bst	Bst	Bst	Bst	Bst	Bst	Bst	Bst	Bst
	E	Bst	Bst	Bst	Bst	Bst	Bst	Bst	Bst	Bst	Bst
	F	Bst	Bst	Bst	Bst	Bst	Bst	Bst	Bst	Bst	Bst
	G	Bst	Bst	Bst	Bst	Bst	Bst	Bst	Bst	Bst	Bst
	H	Bst	Bst	Bst	Bst	Bst	Bst	Bst	Bst	Bst	Bst

Diagnosis Type Legend

Benign non-neoplastic	**Diseased**	**Inflammatory**	**Malignant**	**Metastatic**	**Tumor**	**Unknown**

Element Tissue Legend

Breast (Bst); Breast, Fibrofatty tissue (Bst); Breast, Fibrous tissue (Bst)

Element Details

Slide	Pos	Species	Sex	Age	Tissue	Diagnosis	Diagnosis Type	TNM Tumor Classification	Tumor Grade
1	A1	Human	F	42 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T3N1M0	1
1	A2	Human	F	38 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T3N0M0	1-2
1	A3	Human	F	45 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T4N1M0	1-2
1	A4	Human	F	41 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant		1
1	A5	Human	F	60 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T4N1M0	1
1	A6	Human	F	42 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T3N0M0	1
1	A7	Human	F	35 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T3N1M0	1
1	A8	Human	F	45 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T2NxM0	1
1	A9	Human	F	48 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T2N0M0	1
1	A10	Human	M	61 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T2N0M0	1
1	B1	Human	F	40 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T2N0M0	2
1	B2	Human	F	36 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T2NxM0	2
1	B3	Human	F	71 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T2NxM0	2
1	B4	Human	F	39 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T2N1M0	2
1	B5	Human	F	43 y	Breast (Bst)	Intraductal carcinoma	Malignant	T3NxM0	
1	B6	Human	F	68 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T3NxM0	1-2
1	B7	Human	F	62 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant		1
1	B8	Human	F	36 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T2N1M0	2
1	B9	Human	F	50 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T2NxM0	
1	B10	Human	F	42 y	Breast, Fibrous tissue (Bst)	Ductal carcinoma, infiltrating	Malignant	T3N1M0	1
1	C1	Human	F	60 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T2N1M0	1
1	C2	Human	F	32 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T2N1M0	1-2
1	C3	Human	F	61 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T1N1M0	1
1	C4	Human	F	50 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T2N1M0	2
1	C5	Human	F	50 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T2N1M0	2
1	C6	Human	F	50 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T1N0M0	1
1	C7	Human	F	58 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T2N1M0	2
1	C8	Human	F	30 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T3N1M0	2
1	C9	Human	F	50 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T2NxM0	2
1	C10	Human	F	28 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T2N1M0	2
1	D1	Human	F	44 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T2N1M0	2
1	D2	Human	F	52 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T3N1M0	2
1	D3	Human	F	52 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T3N1M0	2
1	D4	Human	F	39 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T2NxM0	2
1	D5	Human	F	52 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T3N1M0	2
1	D6	Human	F	67 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T2N0M0	2
1	D7	Human	F	37 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T3N1M0	2
1	D8	Human	F	66 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T2N1M0	2
1	D9	Human	F	69 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T4aN1M0	2

1	D10	Human	F	32 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T2N1M0	2
1	E1	Human	F	48 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T2NxM0	2
1	E2	Human	F	43 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T4aN1M0	1-2
1	E3	Human	F	32 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T2N1M0	2
1	E4	Human	F	87 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T2N1M0	2
1	E5	Human	F	48 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T2N1M0	2
1	E6	Human	F	56 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T2N1M0	2
1	E7	Human	F	56 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T2N1M0	2
1	E8	Human	F	42 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T2N1M0	2
1	E9	Human	F	52 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T4bN1M0	2
1	E10	Human	F	40 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T2N1M0	2
1	F1	Human	F	56 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T2N0M0	2
1	F2	Human	F	35 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T2N1M0	2
1	F3	Human	F	65 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T2N0M0	2
1	F4	Human	F	43 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T2NxM0	3
1	F5	Human	F	63 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T2NxM0	3
1	F6	Human	F	53 y	Breast, Fibrofatty tissue (Bst)	Ductal carcinoma, infiltrating	Malignant	T2NxM0	
1	F7	Human	F	54 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T3NxM0	3
1	F8	Human	M	65 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T2N0M0	3
1	F9	Human	F	71 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant		3
1	F10	Human	F	33 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T2N0M0	3
1	G1	Human	F	66 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T2N1M0	3
1	G2	Human	F	42 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T2N2M0	3
1	G3	Human	F	62 y	Breast (Bst)	Ductal carcinoma, infiltrating	Malignant	T2NxM0	3
1	G4	Human	F	37 y	Breast, Fibrofatty tissue (Bst)	Ductal carcinoma, infiltrating	Malignant	T2N1M0	
1	G5	Human	F	64 y	Breast (Bst)	Lobular carcinoma, infiltrating	Malignant	T2N1M0	
1	G6	Human	F	59 y	Breast (Bst)	Lobular carcinoma, infiltrating	Malignant	T2N1M0	
1	G7	Human	F	45 y	Breast (Bst)	Papillary carcinoma	Malignant	T3N1M0	
1	G8	Human	F	53 y	Breast (Bst)	Papillary carcinoma	Malignant	T3N1M0	
1	G9	Human	F	64 y	Breast (Bst)	Adenocarcinoma, Mucinous	Malignant	T1N0M0	
1	G10	Human	U	41 y	Breast (Bst)	Adenocarcinoma, Mucinous	Malignant	T1N0M0	
1	H1	Human	F	21 y	Breast, Fibrous tissue (Bst)	Normal	Benign non-neoplastic		
1	H2	Human	F	15 y	Breast, Fibrous tissue (Bst)	Normal	Benign non-neoplastic		
1	H3	Human	F	21 y	Breast (Bst)	Normal	Benign non-neoplastic		
1	H4	Human	F	22 y	Breast, Fibrous tissue (Bst)	Normal	Benign non-neoplastic		
1	H5	Human	F	21 y	Breast (Bst)	Normal	Benign non-neoplastic		
1	H6	Human	F	41 y	Breast (Bst)	Normal	Benign non-neoplastic		
1	H7	Human	F	14 y	Breast, Fibrous tissue (Bst)	Normal	Benign non-neoplastic		
1	H8	Human	F	18 y	Breast (Bst)	Normal	Benign non-neoplastic		
1	H9	Human	F	35 y	Breast (Bst)	Normal	Benign non-neoplastic		

1	H10	Human	F	41 y	Breast, Fibrofatty tissue (Bst)	Normal	Benign non-neoplastic		

Tissue Fixation: Formalin-fixed paraffin-embedded (FFPE) tissues are fixed in 10% neutral buffered formalin for 24 to 48 hours prior to embedding in paraffin.

Pre-Treatment: Some slides are coated with a thin layer of paraffin for protection. Prior to use, these slides should be baked at 55-60°C for 1-2 hours to remove this layer, followed by a standard deparaffinization/antigen retrieval protocol. Uncoated slides, for which the tissue cores can be easily seen on the glass, do not require baking.

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