LSBio
LifeSpan BioSciences, Inc.

Brain Cancer Array 7 Tissue Microarray - LS-SBRNCA7

CatalogID:	LS-SBRNCA7
Product Name:	Brain Cancer Array 7
Description:	Brain tumors with stage/grade and normal/non-neoplastic brain
Format:	FFPE
Category:	Human Tumor and Normal
QA/QC:	H&E reviewed
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:	24
Cores:	72
Slides Per Set:	1

Tissue Microarray Map

Slide 1

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

Diagnosis Type Legend

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

Element Tissue Legend

Brain (Brn)

Element Details

Slide	Pos	Species	Sex	Age	Tissue	Diagnosis	Diagnosis Type	TNM Tumor Classification	Tumor Grade
1	A1	Human	F	44 y	Brain (Brn)	Astrocytoma	Tumor	T1N0M0	1
1	A2	Human	F	44 y	Brain (Brn)	Astrocytoma	Tumor	T1N0M0	1
1	A3	Human	F	44 y	Brain (Brn)	Astrocytoma	Tumor	T1N0M0	1
1	A4	Human	M	30 y	Brain (Brn)	Astrocytoma	Tumor	T1N0M0	1-2
1	A5	Human	M	30 y	Brain (Brn)	Astrocytoma	Tumor	T1N0M0	1
1	A6	Human	M	30 y	Brain (Brn)	Astrocytoma	Tumor	T1N0M0	1
1	A7	Human	M	51 y	Brain (Brn)	Astrocytoma	Tumor	T1N0M0	2
1	A8	Human	M	51 y	Brain (Brn)	Astrocytoma	Tumor	T1N0M0	2
1	A9	Human	M	51 y	Brain (Brn)	Astrocytoma	Tumor	T1N0M0	1-2
1	B1	Human	M	37 y	Brain (Brn)	Astrocytoma	Tumor		2
1	B2	Human	M	37 y	Brain (Brn)	Astrocytoma	Tumor		2
1	B3	Human	M	37 y	Brain (Brn)	Astrocytoma	Tumor		2
1	B4	Human	M	10 y	Brain (Brn)	Astrocytoma	Tumor	T1N0M0	2
1	B5	Human	M	10 y	Brain (Brn)	Astrocytoma	Tumor	T1N0M0	2
1	B6	Human	M	10 y	Brain (Brn)	Astrocytoma	Tumor	T1N0M0	2
1	B7	Human	M	33 y	Brain (Brn)	Astrocytoma	Tumor	T1N0M0	1
1	B8	Human	M	33 y	Brain (Brn)	Astrocytoma	Tumor	T1N0M0	1
1	B9	Human	M	33 y	Brain (Brn)	Astrocytoma	Tumor	T1N0M0	1
1	C1	Human	M	12 y	Brain (Brn)	Astrocytoma	Tumor	T1N0M0	2
1	C2	Human	M	12 y	Brain (Brn)	Astrocytoma	Tumor	T1N0M0	2
1	C3	Human	M	12 y	Brain (Brn)	Astrocytoma	Tumor	T1N0M0	2
1	C4	Human	M	35 y	Brain (Brn)	Astrocytoma	Tumor	T1N0M0	2
1	C5	Human	M	35 y	Brain (Brn)	Astrocytoma	Tumor	T1N0M0	2
1	C6	Human	M	35 y	Brain (Brn)	Astrocytoma	Tumor	T1N0M0	2
1	C7	Human	M	57 y	Brain (Brn)	Astrocytoma	Tumor	T2N0M0	2
1	C8	Human	M	57 y	Brain (Brn)	Astrocytoma	Tumor	T2N0M0	2
1	C9	Human	M	57 y	Brain (Brn)	Astrocytoma	Tumor	T2N0M0	2
1	D1	Human	F	60 y	Brain (Brn)	Astrocytoma	Tumor	T1N0M0	2
1	D2	Human	F	60 y	Brain (Brn)	Astrocytoma	Tumor	T1N0M0	2-3
1	D3	Human	F	60 y	Brain (Brn)	Astrocytoma	Tumor	T1N0M0	2-3
1	D4	Human	M	31 y	Brain (Brn)	Astrocytoma	Tumor	T2N0M0	2
1	D5	Human	M	31 y	Brain (Brn)	Astrocytoma	Tumor	T2N0M0	2
1	D6	Human	M	31 y	Brain (Brn)	Astrocytoma	Tumor	T2N0M0	2
1	D7	Human	F	53 y	Brain (Brn)	Astrocytoma, Atypical	Tumor	T2N0M0	3
1	D8	Human	F	53 y	Brain (Brn)	Astrocytoma, Atypical	Tumor	T2N0M0	3
1	D9	Human	F	53 y	Brain (Brn)	Astrocytoma, Atypical	Tumor	T2N0M0	3
1	E1	Human	F	16 y	Brain (Brn)	Astrocytoma	Tumor	T2N0M0	2-3
1	E2	Human	F	16 y	Brain (Brn)	Astrocytoma	Tumor	T2N0M0	2-3
1	E3	Human	F	16 y	Brain (Brn)	Astrocytoma	Tumor	T2N0M0	2

1	E4	Human	M	39 y	Brain (Brn)	Glioblastoma with necrosis	Malignant	T2N0M0	
1	E5	Human	M	39 y	Brain (Brn)	Glioblastoma	Malignant	T2N0M0	4
1	E6	Human	M	39 y	Brain (Brn)	Glioblastoma	Malignant	T2N0M0	4
1	E7	Human	F	31 y	Brain (Brn)	Glioblastoma	Malignant		3-4
1	E8	Human	F	31 y	Brain (Brn)	Glioblastoma	Malignant		3-4
1	E9	Human	F	31 y	Brain (Brn)	Glioblastoma	Malignant		3-4
1	F1	Human	F	49 y	Brain (Brn)	Glioblastoma	Malignant		3-4
1	F2	Human	F	49 y	Brain (Brn)	Glioblastoma	Malignant		4
1	F3	Human	F	49 y	Brain (Brn)	Glioblastoma	Malignant		4
1	F4	Human	M	39 y	Brain (Brn)	Oligodendroglioma	Tumor	T1N0M0	
1	F5	Human	M	39 y	Brain (Brn)	Oligodendroglioma	Tumor	T1N0M0	1
1	F6	Human	M	39 y	Brain (Brn)	Oligodendroglioma	Tumor	T1N0M0	
1	F7	Human	M	17 y	Brain (Brn)	Oligodendroglioma, Anaplastic	Malignant	T1N0M0	3
1	F8	Human	M	17 y	Brain (Brn)	Oligodendroglioma, Anaplastic	Malignant	T1N0M0	3
1	F9	Human	M	17 y	Brain (Brn)	Oligodendroglioma, Anaplastic	Malignant	T1N0M0	3
1	G1	Human	M	52 y	Brain (Brn)	Adjacent normal	Benign non-neoplastic		
1	G2	Human	M	52 y	Brain (Brn)	Adjacent normal	Benign non-neoplastic		
1	G3	Human	M	52 y	Brain (Brn)	Adjacent normal	Benign non-neoplastic		
1	G4	Human	M	39 y	Brain (Brn)	Adjacent normal	Benign non-neoplastic		
1	G5	Human	M	39 y	Brain (Brn)	Adjacent normal	Benign non-neoplastic		
1	G6	Human	M	39 y	Brain (Brn)	Adjacent normal	Benign non-neoplastic		
1	G7	Human	F	37 y	Brain (Brn)	Adjacent normal	Benign non-neoplastic		
1	G8	Human	F	37 y	Brain (Brn)	Adjacent normal	Benign non-neoplastic		
1	G9	Human	F	37 y	Brain (Brn)	Adjacent normal	Benign non-neoplastic		
1	H1	Human	F	21 y	Brain (Brn)	Normal	Benign non-neoplastic		
1	H2	Human	F	21 y	Brain (Brn)	Normal	Benign non-neoplastic		
1	H3	Human	F	21 y	Brain (Brn)	Normal	Benign non-neoplastic		
1	H4	Human	F	21 y	Brain (Brn)	Normal	Benign non-neoplastic		
1	H5	Human	F	21 y	Brain (Brn)	Normal	Benign non-neoplastic		
1	H6	Human	F	21 y	Brain (Brn)	Normal	Benign non-neoplastic		
1	H7	Human	M	38 y	Brain (Brn)	Normal	Benign non-neoplastic		
1	H8	Human	M	38 y	Brain (Brn)	Normal	Benign non-neoplastic		
1	H9	Human	M	38 y	Brain (Brn)	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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