LSBio
LifeSpan BioSciences, Inc.

Lung Cancer Screen 20 Tissue Microarray - LS-SLUCA20

CatalogID:	LS-SLUCA20
Product Name:	Lung Cancer Screen 20
Description:	Lung adenocarcinoma with stage/grade and normal/non-neoplastic lung
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 mm
Core Thickness:	5 µm
Cases:	30
Cores:	40
Slides Per Set:	1

Tissue Microarray Map

Slide 1

LABEL		1	2	3	4	5	6	7	8	9	10
	A	Lng	Lng	Lng	Lng	Lng	Lng	Lng	Lng	Lng	Lng
	B	Lng	Lng	Lng	Lng	Lng	Lng	Lng	Lng	Lng	Lng
	C	Lng	Lng	Lng	Lng	Lng	Lng	Lng	Lng	Lng	Lng
	D	Lng	Lng	Lng	Lng	Lng	Lng	Lng	Lng	Lng	Lng

Diagnosis Type Legend

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

Element Tissue Legend

Lung (Lng); Lung, Alveolar epithelium (Lng); Lung, Alveolar wall (Lng)

Element Details

Slide	Pos	Species	Sex	Age	Tissue	Diagnosis	Diagnosis Type	TNM Tumor Classification	Tumor Grade
1	A1	Human	M	66 y	Lung (Lng)	Adenocarcinoma, Papillary	Malignant	T2N0M0	1
1	A2	Human	M	58 y	Lung (Lng)	Adenocarcinoma	Malignant	T2N1M0	1
1	A3	Human	M	61 y	Lung (Lng)	Adenocarcinoma	Malignant	T2N1M0	2
1	A4	Human	F	60 y	Lung (Lng)	Adenocarcinoma	Malignant	T2N0M0	2
1	A5	Human	M	50 y	Lung (Lng)	Adenocarcinoma	Malignant	T1N0M0	2
1	A6	Human	M	55 y	Lung (Lng)	Adenocarcinoma	Malignant	T2N0M0	2
1	A7	Human	M	62 y	Lung (Lng)	Adenocarcinoma, Papillary	Malignant	T2N0M0	1
1	A8	Human	M	60 y	Lung (Lng)	Adenocarcinoma	Malignant	T2N0M0	2
1	A9	Human	M	70 y	Lung (Lng)	Adenocarcinoma	Malignant	T2N0M0	2
1	A10	Human	M	70 y	Lung (Lng)	Adenocarcinoma	Malignant	T1N0M0	2
1	B1	Human	M	70 y	Lung (Lng)	Adenocarcinoma	Malignant	T1N0M0	2
1	B2	Human	M	65 y	Lung (Lng)	Adenocarcinoma	Malignant	T2N0M0	2
1	B3	Human	M	67 y	Lung (Lng)	Adenocarcinoma	Malignant	T2N0M0	2
1	B4	Human	F	42 y	Lung (Lng)	Adenocarcinoma, Papillary	Malignant	T3N1M0	2
1	B5	Human	M	47 y	Lung (Lng)	Adenocarcinoma	Malignant	T1N0M0	2
1	B6	Human	M	51 y	Lung (Lng)	Adenocarcinoma	Malignant	T2N0M0	3
1	B7	Human	M	59 y	Lung (Lng)	Adenocarcinoma	Malignant	T2N1M0	2
1	B8	Human	M	61 y	Lung (Lng)	Adenocarcinoma	Malignant	T1N0M0	3
1	B9	Human	F	49 y	Lung (Lng)	Adenocarcinoma	Malignant	T1N0M0	3
1	B10	Human	F	50 y	Lung, Alveolar epithelium (Lng)	Adenocarcinoma with chronic inflammation and hyperplasia	Malignant	T3N0M0	
1	C1	Human	F	38 y	Lung (Lng)	Normal	Benign non-neoplastic		
1	C2	Human	F	38 y	Lung (Lng)	Normal	Benign non-neoplastic		
1	C3	Human	M	49 y	Lung (Lng)	Normal	Benign non-neoplastic		
1	C4	Human	M	49 y	Lung (Lng)	Normal	Benign non-neoplastic		
1	C5	Human	M	55 y	Lung (Lng)	Normal	Benign non-neoplastic		
1	C6	Human	M	55 y	Lung (Lng)	Normal	Benign non-neoplastic		
1	C7	Human	M	50 y	Lung (Lng)	Normal	Benign non-neoplastic		
1	C8	Human	M	50 y	Lung (Lng)	Normal	Benign non-neoplastic		
1	C9	Human	M	22 y	Lung (Lng)	Normal	Benign non-neoplastic		
1	C10	Human	M	22 y	Lung (Lng)	Normal	Benign non-neoplastic		
1	D1	Human	M	35 y	Lung (Lng)	Normal	Benign non-neoplastic		
1	D2	Human	M	35 y	Lung (Lng)	Normal	Benign non-neoplastic		
1	D3	Human	M	47 y	Lung (Lng)	Normal	Benign non-neoplastic		
1	D4	Human	M	47 y	Lung (Lng)	Normal	Benign non-neoplastic		
1	D5	Human	F	15 y	Lung, Alveolar wall (Lng)	Normal with fibroplasia	Diseased		
1	D6	Human	F	15 y	Lung, Alveolar wall (Lng)	Normal with fibroplasia	Diseased		
1	D7	Human	M	42 y	Lung (Lng)	Normal	Benign non-neoplastic		
1	D8	Human	M	42 y	Lung (Lng)	Normal	Benign non-neoplastic		
1	D9	Human	M	47 y	Lung (Lng)	Normal	Benign non-neoplastic		

1	D10	Human	M	47 y	Lung (Lng)	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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