




Cat No: **LUD151** – Lung disease tissue array

Lot#	Cores	Size	Cut	Format	QA/QC
LUD15101	15	2.5mm	4um	3X5	H&E, IHC anti- Cytokeratin



**Recommended applications:** For Research use only. RNA or protein analyses using IHC or ISH designed for general comparative lung diseased tissue profiling.

**Description:** 7 types, 15 cases of normal, inflammatory and tumor tissues of the lung.

All the tissues were from surgical resection. They were fixed in 10% neutral buffered formalin for 24 hours and processed using identical SOPs. Sections were picked onto Superfrost Plus or APES coated Superfrost slides. They can be stored for use at 4C for up to six months from the date of shipment. **There may be 5 to 10% of tissue core loss.**

Array position	Sex	Age	Anatomic site	Pathology	Stage
A1	M	49	Lung	Normal lung	
A2	M	47	Lung	Normal lung with bronchus	
A3	F	26	Lung	Chronic bronchitis with squamous cell metaplasia	
A4	M	69	Lung	Chronic bronchitis with goblet cell hyperplasia	
A5	F	28	Lung	Bronchiectasis	
B1	M	63	Lung	Chronic pneumonia	
B2	F	45	Lung	Tuberculosis	
B3	F	42	Lung	Adenocarcinoma	T2N1M0
B4	F	47	Lung	Adenocarcinoma	T2N0M0
B5	M	53	Lung	Adenocarcinoma	T2N1M0
C1	M	54	Lung	Squamous cell carcinoma	T2N0M0
C2	F	60	Lung	Squamous cell carcinoma	T2N2M0
C3	M	50	Lung	Squamous cell carcinoma	T2N2M0
C4	M	50	Lung	Small cell lung carcinoma	T2N2M0
C5	M	65	Lung	Small cell lung carcinoma	T2N2M0

**Notes:** Bake at 60C for ~60 minutes before use. If antigen retrieving is needed, it is important to avoid **direct-boiling and high pH or high strength** antigen retrieving buffer.

**Certified by:** Langxing Pan, M.D.