

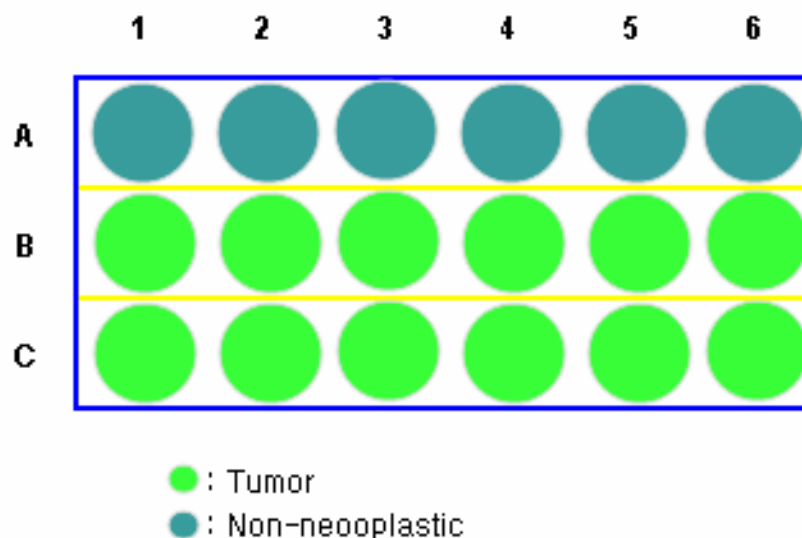
**Specifications:**

- No. of cases: 6
- Tissue type: Test slide, various cancer tissues with corresponding normal tissues
- No. of spots: 2 spots from each cancer case (12 spots)  
6 non-neoplastic spots (6 spots)
- Total spots: 18
- Corresponding normal tissues with cancers: Yes
- Diameter: 1.5 mm

**Documents:**

- Product specification: layout, summary of tissue spots
- H&E stained images
- Detailed pathological information

**Layout:**



(Acetone fixed)

For research use only

**Summary of tissue spots**

No	Coordinate	Sex	Age	Specimen	Key Word	
1	A1* B1 C1	1	m	75	Lung	Squamous cell carcinoma
2	A2* B2 C2	2	m	65	Lung	Squamous cell carcinoma
3	A3* B3 C3	3	f	58	Lung	Adenocarcinoma
4	A4* B4 C4	4	m	66	Lung	Adenocarcinoma
5	A5* B5 C5	5	m	49	Lung	Adenocarcinoma
6	A6* A6 C6	6	f	61	Lung	Adenocarcinoma

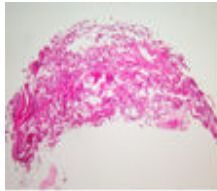
\*: corresponding non-neoplastic tissues

**A1205(I)-Lung Frozen cancer tissues with  
corresponding normal tissues**

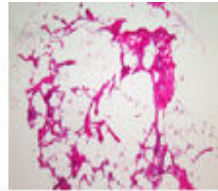
(Acetone fixed)

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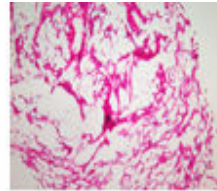
**QC sheet\_LOT#120220609071  
Hematoxylin and Eosin staining**



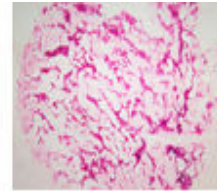
A1



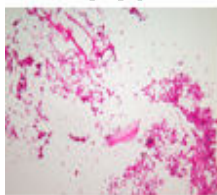
A2



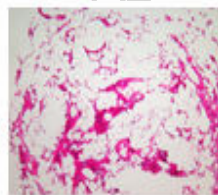
A3



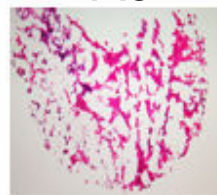
A4



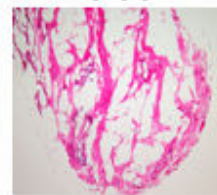
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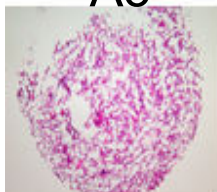
A6



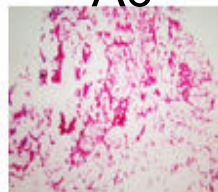
B1



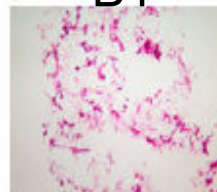
B2



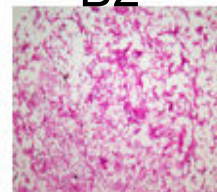
B3



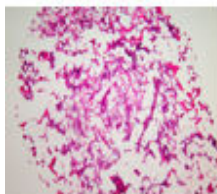
B4



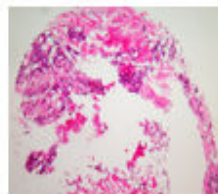
B5



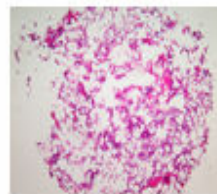
B6



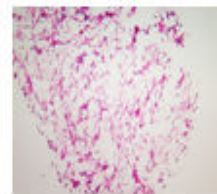
C1



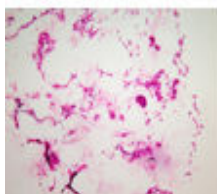
C2



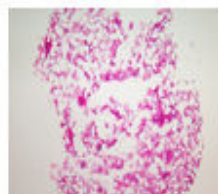
C3



C4



C5



C6

**A1205(I): Lung Frozen tissues With corresponding normal**

No.	Coordinate		Sex	Age	Key Word	Histological Diagnosis
1	A	1	m	75	Non-neoplastic	Non-neoplastic from, B1,C1
2	B	1	m	75	lung: squamous cell carcinoma	1.Lung, LLL, lobectomy: Squamous cell carcinoma, poorly differentiated 1) size: 3.5x3cm 2) extension to the visceral pleura 2.Bronchial resection margin: Free of tumor.
3	C	1	m	75	lung: squamous cell carcinoma	1.Lung, LLL, lobectomy: Squamous cell carcinoma, poorly differentiated 1) size: 3.5x3cm 2) extension to the visceral pleura 2.Bronchial resection margin: Free of tumor.
4	A	2	m	65	Non-neoplastic	Non-neoplastic from, B2,C2
5	B	2	m	65	lung: squamous cell carcinoma	1.Lung, right lower and mid lobe, bilobectomy: Lower lobe: Multiple tumor masses, centrally and peripherally (T4). 1) squamous cell carcinoma, moderately differentiated, 2) involving proximal bronchial wall (3x2cm). 3) two separate peripherally located tumors of squamous cell carcinomas (histology: same as the previous one, and each size 2.5cm and 1.5cm in diameter, respectively), with visceral pleura involvement. 4) adjacent lung parenchyme: Atelectasis with end stage lung. 2.Mid lobe: No pathological diagnosis. 3.Bronchial resection margin: Focal epithelial dysplasia, severe. 4.Diaphragm: Free of tumor. 1) regional lymph nodes: Tumor metastasis to 2 out of 10 (2/10), in detail, interlobar (0/2), subcarinal (2/8).

**A1205(I): Lung Frozen tissues With corresponding normal**

No.	Coordinate		Sex	Age	Key Word	Histological Diagnosis
6	C	2	m	65	lung: squamous cell carcinoma	<p>1.Lung, right lower and mid lobe, bilobectomy: Lower lobe: Multiple tumor masses, centrally and peripherally (T4). 1) squamous cell carcinoma, moderately differentiated, 2) involving proximal bronchial wall (3x2cm). 3) two separate peripherally located tumors of squamous cell carcinomas (histology: same as the previous one, and each size 2.5cm and 1.5cm in diameter, respectively), with visceral pleura involvement. 4) adjacent lung parenchyme: Atelectasis with end stage lung.</p> <p>2.Mid lobe: No pathological diagnosis.</p> <p>3.Bronchial resection margin: Focal epithelial dysplasia, severe.</p> <p>4.Diaphragm: Free of tumor. 1) regional lymph nodes: Tumor metastasis to 2 out of 10 (2/10), in detail, interlobar (0/2), subcarinal (2/8).</p>
7	A	3	f	58	Non-neoplastic	Non-neoplastic from, B3,C3
8	B	3	f	58	Lung: adenocarcinoma	<p>1.Lung, right upper lobe, lobectomy: Adenocarcinoma, acinar type, poorly differentiated 1) subpleural location 2) size(3.7x3.5cm) 3) visceral pleura involvement(T2) 4) resection margin, bronchial: Free of tumor. 5) regional lymph nodes: Tumor metastasis to 3 out of 26 (3/26), in detail, hilar (0/2), upper paratracheal (0/1), subcarinal (0/5), pretracheal (1/4), prebronchial (0/4), lower paratracheal (2/10).</p>

**A1205(I): Lung Frozen tissues With corresponding normal**

No.	Coordinate		Sex	Age	Key Word	Histological Diagnosis
9	C	3	f	58	Lung: adenocarcinoma	1.Lung, right upper lobe, lobectomy: Adenocarcinoma, acinar type, poorly differentiated 1) subpleural location 2) size(3.7x3.5cm) 3) visceral pleura involvement(T2) 4) resection margin, bronchial: Free of tumor. 5) regional lymph nodes: Tumor metastasis to 3 out of 26 (3/26), in detail, hilar (0/2), upper paratracheal (0/1), subcarinal (0/5), pretracheal (1/4), prebronchial (0/4), lower paratracheal (2/10).
10	A	4	m	66	Non-neoplastic	Non-neoplastic from, B4,C4
11	B	4	m	66	Lung: adenocarcinoma	11.Lung, right upper lobe, lobectomy: Poorly differentiated carcinoma, most likely adenosquamous carcinoma 1) obstruction of upper lobe bronchus 2) tumor size(6x2cm) 3) confined within the lung 2.Associated lung pathology 1) bronchiectasis 2) organizing pneumonia with DIP-like reaction 3.Bronchial resection margin: Free of tumor. 1) regional lymph nodes: Tumor metastasis to 1 out of 20(1/20), in detail, subcarinal(0/13), IPL(0/1), regional(1/6).

**A1205(I): Lung Frozen tissues With corresponding normal**

No.	Coordinate		Sex	Age	Key Word	Histological Diagnosis
12	C	4	m	66	Lung: adenocarcinoma	<p>1.Lung, right upper lobe, lobectomy: Poorly differentiated carcinoma, most likely adenosquamous carcinoma</p> <p>1) obstruction of upper lobe bronchus 2) tumor size(6x2cm) 3) confined within the lung</p> <p>2.Associated lung pathology 1) bronchiectasis 2) organizing pneumonia with DIP-like reaction</p> <p>3.Bronchial resection margin: Free of tumor. 1) regional lymph nodes: Tumor metastasis to 1 out of 20(1/20), in detail, subcarinal(0/13), IPL(0/1), regional(1/6).</p>
13	A	5	m	49	Non-neoplastic	Non-neoplastic from, B5,C5
14	B	5	m	49	Lung: adenocarcinoma	<p>1.Lung, LLL, lobectomy: Adenocarcinoma, acinic and papillary</p> <p>1) marked mucin production 2) size: 4.7x4.6cm 3) extension to visceral pleura</p> <p>2.Bronchial resection margin: Free of tumor. 3.Regional lymph node, peribronchial: Tumor metastasis (1/1).</p>
15	C	5	m	49	Lung: adenocarcinoma	<p>1.Lung, LLL, lobectomy: Adenocarcinoma, acinic and papillary</p> <p>1) marked mucin production 2) size: 4.7x4.6cm 3) extension to visceral pleura</p> <p>2.Bronchial resection margin: Free of tumor. 3.Regional lymph node, peribronchial: Tumor metastasis (1/1).</p>
16	A	6	f	61	Non-neoplastic	Non-neoplastic from, B6,C6

**A1205(I): Lung Frozen tissues With corresponding normal**

No.	Coordinate		Sex	Age	Key Word	Histological Diagnosis
17	B	6	f	61	Lung: adenocarcinoma	1.Lung, right lower lobe, lobectomy: Adenocarcinoma, moderately differentiated, acinar type 1) size: 5x2.5cm 2) focal area of bronchioloalveolar pattern 3) visceral pleura involvement 4) frequent lymphovascular permeation 5) associated bronchiectasis 2.Bronchial resection margin: Free of tumor. 3.Regional lymph node, peribronchial: direct tumor invasion (1/1).
18	C	6	f	61	Lung: adenocarcinoma	1.Lung, right lower lobe, lobectomy: Adenocarcinoma, moderately differentiated, acinar type 1) size: 5x2.5cm 2) focal area of bronchioloalveolar pattern 3) visceral pleura involvement 4) frequent lymphovascular permeation 5) associated bronchiectasis 2.Bronchial resection margin: Free of tumor. 3.Regional lymph node, peribronchial: direct tumor invasion (1/1).