



Cat No: LUP541 – Custom-made visceral pleura array block

| Lot# | Cores | Size | Format | QA/QC | | |
|----------|-------|-------|--------|-------|--|--|
| GIP54101 | 54 | 2.0mm | 6X9 | H&E | | |

Description: Samples of visceral pleura with mesothelial cell surface and sub mesothelial layer were taken from 27 cases of surgical resections of the lung. Duplicated 2mm cores were arrayed from each case to create a 6X9 54 cores array block.

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 | Grade | Stage |
|----------------|-----|-----|---------------|-----------|-------|-------|
| A01 | F | 52 | Lung | Normal | null | null |
| A02 | M | 54 | Lung | Normal | null | null |
| A03 | F | 42 | Lung | Normal | null | null |
| A04 | M | 74 | Lung | Normal | null | null |
| A05 | F | 60 | Lung | Normal | null | null |
| A06 | M | 58 | Lung | Normal | null | null |
| A07 | F | 51 | Lung | Normal | null | null |
| A08 | F | 70 | Lung | Normal | null | null |
| A09 | M | 66 | Lung | Normal | null | null |
| B01 | F | 52 | Lung | Normal | null | null |
| B02 | M | 54 | Lung | Normal | null | null |
| B03 | F | 42 | Lung | Normal | null | null |
| B04 | M | 74 | Lung | Normal | null | null |
| B05 | F | 60 | Lung | Normal | null | null |
| B06 | M | 58 | Lung | Normal | null | null |
| B07 | F | 51 | Lung | Normal | null | null |
| B08 | F | 70 | Lung | Normal | null | null |
| B09 | M | 66 | Lung | Normal | null | null |
| C01 | F | 64 | Lung | Normal | null | null |
| C02 | M | 64 | Lung | Normal | null | null |
| C03 | M | 49 | Lung | Normal | null | null |
| C04 | M | 58 | Lung | Normal | null | null |
| C05 | M | 50 | Lung | Normal | null | null |
| C06 | F | 45 | Lung | Normal | null | null |
| C07 | M | 52 | Lung | Normal | null | null |
| C08 | M | 49 | Lung | Normal | null | null |
| C09 | M | 37 | Lung | Normal | null | null |
| D01 | F | 64 | Lung | Normal | null | null |
| D02 | M | 64 | Lung | Normal | null | null |
| D03 | M | 49 | Lung | Normal | null | null |
| D04 | M | 58 | Lung | Normal | null | null |
| D05 | M | 50 | Lung | Normal | null | null |
| D06 | F | 45 | Lung | Normal | null | null |
| D07 | M | 52 | Lung | Normal | null | null |
| D08 | M | 49 | Lung | Normal | null | null |
| D09 | M | 37 | Lung | Normal | null | null |
| E01 | M | 65 | Lung | Normal | null | null |
| E02 | M | 50 | Lung | Normal | null | null |
| E03 | M | 57 | Lung | Normal | null | null |
| E04 | M | 62 | Lung | Normal | null | null |
| E05 | M | 62 | Lung | Normal | null | null |
| E06 | M | 51 | Lung | Normal | null | null |



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| | | | | | | |
|-----|---|----|------|--------|------|------|
| E07 | M | 70 | Lung | Normal | null | null |
| E08 | M | 54 | Lung | Normal | null | null |
| E09 | F | 45 | Lung | Normal | null | null |
| F01 | M | 65 | Lung | Normal | null | null |
| F02 | M | 50 | Lung | Normal | null | null |
| F03 | M | 57 | Lung | Normal | null | null |
| F04 | M | 62 | Lung | Normal | null | null |
| F05 | M | 62 | Lung | Normal | null | null |
| F06 | M | 51 | Lung | Normal | null | null |
| F07 | M | 70 | Lung | Normal | null | null |
| F08 | M | 54 | Lung | Normal | null | null |
| F09 | F | 45 | Lung | Normal | null | null |

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., Ph.D.