



Cat No: **PIT502** – Pituitary gland tissue array

| Lot#     | Cores | Size  | Cut | Format | QA/QC |  |
|----------|-------|-------|-----|--------|-------|--|
| PIT50201 | 50    | 1.1mm | 4um | 6X9    | H&E   |  |

**Description:** Custom-made pituitary gland tissue array from 25 individuals. Two cores were taken from each case. In cases where both anterior and posterior lobes were identified, one core was taken from the anterior part, while the other core was taken from posterior part (the neural lobe). In cases where the posterior part could not be identified, both cores were taken from the anterior part. These arrangements are listed in the table below.

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 | Age | Sex | Anatomic site | Pathology                   | Grade | Stage |
|----------------|-----|-----|---------------|-----------------------------|-------|-------|
| A1             | 42  | M   | Pituitary     | Normal pituitary, anterior  |       |       |
| A2             | 52  | M   | Pituitary     | Normal pituitary, anterior  |       |       |
| A3             | 48  | M   | Pituitary     | Normal pituitary, anterior  |       |       |
| A4             | 66  | F   | Pituitary     | Normal pituitary, anterior  |       |       |
| A5             | 13  | M   | Pituitary     | Normal pituitary, anterior  |       |       |
| A6             | 39  | F   | Pituitary     | Normal pituitary, anterior  |       |       |
| A7             | 42  | M   | Pituitary     | Normal pituitary, anterior  |       |       |
| A8             | 55  | M   | Pituitary     | Normal pituitary, anterior  |       |       |
| B1             | 42  | M   | Pituitary     | Normal pituitary, posterior |       |       |
| B2             | 52  | M   | Pituitary     | Normal pituitary, anterior  |       |       |
| B3             | 48  | M   | Pituitary     | Normal pituitary, posterior |       |       |
| B4             | 66  | F   | Pituitary     | Normal pituitary, anterior  |       |       |
| B5             | 13  | M   | Pituitary     | Normal pituitary, posterior |       |       |
| B6             | 39  | F   | Pituitary     | Normal pituitary, posterior |       |       |
| B7             | 42  | M   | Pituitary     | Normal pituitary, anterior  |       |       |
| B8             | 55  | M   | Pituitary     | Normal pituitary, anterior  |       |       |
| C1             | 52  | M   | Pituitary     | Normal pituitary, anterior  |       |       |
| C2             | 38  | M   | Pituitary     | Normal pituitary, anterior  |       |       |
| C3             | 42  | M   | Pituitary     | Normal pituitary, anterior  |       |       |
| C4             | 28  | F   | Pituitary     | Normal pituitary, anterior  |       |       |
| C5             | 36  | M   | Pituitary     | Normal pituitary, anterior  |       |       |
| C6             | 43  | F   | Pituitary     | Normal pituitary, anterior  |       |       |
| C7             | 31  | F   | Pituitary     | Normal pituitary, anterior  |       |       |
| C8             | 32  | M   | Pituitary     | Normal pituitary, anterior  |       |       |
| D1             | 52  | M   | Pituitary     | Normal pituitary, anterior  |       |       |
| D2             | 38  | M   | Pituitary     | Normal pituitary, posterior |       |       |
| D3             | 42  | M   | Pituitary     | Normal pituitary, posterior |       |       |
| D4             | 28  | F   | Pituitary     | Normal pituitary, posterior |       |       |
| D5             | 36  | M   | Pituitary     | Normal pituitary, anterior  |       |       |
| D6             | 43  | F   | Pituitary     | Normal pituitary, anterior  |       |       |
| D7             | 31  | F   | Pituitary     | Normal pituitary, posterior |       |       |
| D8             | 32  | M   | Pituitary     | Normal pituitary, anterior  |       |       |
| E1             | 47  | M   | Pituitary     | Normal pituitary, anterior  |       |       |



## Advancing Biomedical Science Through Tissue Arrays

|    |    |   |           |                             |  |  |
|----|----|---|-----------|-----------------------------|--|--|
| E2 | 24 | M | Pituitary | Normal pituitary, anterior  |  |  |
| E3 | 38 | M | Pituitary | Normal pituitary, anterior  |  |  |
| E4 | 3  | F | Pituitary | Normal pituitary, anterior  |  |  |
| E5 | 31 | M | Pituitary | Normal pituitary, anterior  |  |  |
| E6 | 33 | M | Pituitary | Normal pituitary, anterior  |  |  |
| E7 | 31 | M | Pituitary | Normal pituitary, anterior  |  |  |
| E8 | 45 | M | Pituitary | Normal pituitary, anterior  |  |  |
| E9 | 46 | M | Pituitary | Normal pituitary, anterior  |  |  |
| F1 | 47 | M | Pituitary | Normal pituitary, anterior  |  |  |
| F2 | 24 | M | Pituitary | Normal pituitary, anterior  |  |  |
| F3 | 38 | M | Pituitary | Normal pituitary, anterior  |  |  |
| F4 | 3  | F | Pituitary | Normal pituitary, anterior  |  |  |
| F5 | 31 | M | Pituitary | Normal pituitary, anterior  |  |  |
| F6 | 33 | M | Pituitary | Normal pituitary, posterior |  |  |
| F7 | 31 | M | Pituitary | Normal pituitary, anterior  |  |  |
| F8 | 45 | M | Pituitary | Normal pituitary, anterior  |  |  |
| F9 | 46 | M | Pituitary | Normal pituitary, anterior  |  |  |

**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. For availability of complimentary IHC data, please contact us at [info@pantomics.com](mailto:info@pantomics.com).

**Certified by:** Fancai Li, M.D.