



PROTEIN
BIOTECHNOLOGIES

HUMAN BREAST CANCER TISSUE ARRAY

Catalog Number: TMA-045

Each dot represents a NORMAL tissue spot from one individual specimen that was selected and pathologically confirmed

Cases: 71 **Cores:** 72 **Diameter:** 1.5 mm **Thickness:** 5 µm **Standard IHC:** ER confirmed

Layout: 8 x 9

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| A | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| B | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| C | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| D | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 |
| E | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 |
| F | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 |
| G | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 |
| H | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 |

| Core No. | Location | Tissue | Diagnosis | Grade | Sex | Age |
|-----------------|-----------------|---------------|---|--------------|------------|------------|
| 01 | A1 | Breast | Normal tissue (lobule) | - | F | 43 |
| 02 | A2 | Breast | A few duct tissue | - | F | 33 |
| 03 | A3 | Breast | Duct of breast | - | F | 46 |
| 04 | A4 | Breast | A few duct tissue | - | F | 47 |
| 05 | A5 | Breast | Duct of breast | - | F | 61 |
| 06 | A6 | Breast | A few duct tissue | - | F | 50 |
| 07 | A7 | Breast | A few duct tissue | - | F | 47 |
| 08 | A8 | Breast | Duct of breast | - | F | 42 |
| 09 | A9 | Breast | Duct of breast and a few lobule | - | F | 41 |
| 10 | B1 | Breast | Duct of breast | - | F | 40 |
| 11 | B2 | Breast | Blood vessel and fibrofatty tissue | - | F | 43 |
| 12 | B3 | Breast | Fibrofatty tissue | - | F | 59 |
| 13 | B4 | Breast | Duct and lobule tissue | - | F | 49 |
| 14 | B5 | Breast | Duct of breast and a few lobule | - | F | 44 |
| 15 | B6 | Breast | Duct of breast | - | F | 47 |
| 16 | B7 | Breast | Duct of breast | - | F | 51 |
| 17 | B8 | Breast | Normal tissue (lobule) with fibrous hyperplasia | - | F | 33 |
| 18 | B9 | Breast | Blood vessel and fibrous tissue | - | F | 52 |
| 19 | C1 | Breast | Normal tissue (lobule) with fibrous hyperplasia | - | F | 28 |
| 20 | C2 | Breast | Duct of breast | - | F | 46 |
| 21 | C3 | Breast | Blood vessel and fibrous tissue | - | F | 67 |
| 22 | C4 | Breast | Duct of breast | - | F | 48 |
| 23 | C5 | Breast | Blood vessel and fibrous tissue | - | F | 58 |
| 24 | C6 | Breast | Normal tissue (lobule) with fibrous hyperplasia | - | F | 37 |
| 25 | C7 | Breast | Duct of breast | - | F | 52 |
| 26 | C8 | Breast | Blood vessel and fibrous tissue | - | F | 49 |
| 27 | C9 | Breast | Duct of breast | - | F | 50 |
| 28 | D1 | Breast | Normal tissue (lobule) with fibrous hyperplasia | - | F | 40 |
| 29 | D2 | Breast | Fibrofatty tissue | - | F | 48 |
| 30 | D3 | Breast | Fibrofatty tissue | - | F | 47 |
| 31 | D4 | Breast | Normal tissue (lobule) | - | F | 45 |
| 32 | D5 | Breast | Blood vessel and fibrofatty tissue | - | F | 28 |
| 33 | D6 | Breast | Blood vessel and fibrofatty tissue | - | F | 49 |
| 34 | D7 | Breast | Normal tissue | - | F | 42 |



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|----|----|--------|---|---|---|----|
| 35 | D8 | Breast | Normal tissue (lobule) | - | F | 50 |
| 36 | D9 | Breast | A few lobule acinus | - | F | 47 |
| 37 | E1 | Breast | Normal tissue (lobule) | - | F | 12 |
| 38 | E2 | Breast | Duct and lobule tissue | - | F | 52 |
| 39 | E3 | Breast | Duct of breast | - | F | 35 |
| 40 | E4 | Breast | Normal tissue | - | F | 51 |
| 41 | E5 | Breast | Duct of breast | - | F | 50 |
| 42 | E6 | Breast | Blood vessel and fibrous tissue | - | F | 66 |
| 43 | E7 | Breast | Duct of breast | - | F | 68 |
| 44 | E8 | Breast | Fibrofatty tissue | - | F | 49 |
| 45 | E9 | Breast | Fibrofatty tissue | - | F | 67 |
| 46 | F1 | Breast | Fibrofatty tissue | - | F | 61 |
| 47 | F2 | Breast | Fibrofatty tissue and a few lobule acinus | - | F | 54 |
| 48 | F3 | Breast | Duct of breast | - | F | 69 |
| 49 | F4 | Breast | Fibrofatty tissue | - | F | 47 |
| 50 | F5 | Breast | Fibrofatty tissue | - | F | 44 |
| 51 | F6 | Breast | Duct and lobule tissue with fibrous hyperplasia | - | F | 54 |
| 52 | F7 | Breast | Atrophica lobule | - | F | 60 |
| 53 | F8 | Breast | Normal tissue (lobule) | - | F | 53 |
| 54 | F9 | Breast | A few lobule tissue | - | F | 63 |
| 55 | G1 | Breast | Normal tissue (lobule) | - | F | 34 |
| 56 | G2 | Breast | Fibrofatty tissue | - | F | 47 |
| 57 | G3 | Breast | Blood vessel and fibrous tissue | - | F | 61 |
| 58 | G4 | Breast | Blood vessel and fibrous tissue | - | F | 48 |
| 59 | G5 | Breast | Fibrofatty tissue | - | F | 39 |
| 60 | G6 | Breast | Fibrofatty tissue | - | F | 60 |
| 61 | G7 | Breast | Normal tissue (lobule) | - | F | 46 |
| 62 | G8 | Breast | Fibrofatty tissue | - | F | 43 |
| 63 | G9 | Breast | Duct of breast | - | F | 56 |

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