



PROTEIN BIOTECHNOLOGIES

HUMAN BREAST CANCER TISSUE ARRAY

Catalog Number: TMA-048

Each core from each cancer tissue represents one single specimen that was selected and pathologically confirmed. Each normal adjacent tissue is placed next to its matched to the cancer tissue.

Cases: 40 **Cores:** 80 **Diameter:** 1.5 mm **Thickness:** 5 µm **Standard IHC:** Anti-cytokeratin (low MW) antibody

Layout: 8 x 10

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|----------|----|----|----|----|----|----|----|----|----|----|
| A | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| B | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| C | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| D | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| E | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |
| F | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| G | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 |
| H | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 |

| Core No. | Location | Tissue | Diagnosis | Grade | Sex | Age |
|----------|----------|--------|--|-------|-----|-----|
| 01 | A1 | Breast | Nonspecific infiltrating duct carcinoma | II | F | 60 |
| 02 | A2 | Breast | Nonspecific infiltrating duct carcinoma | II | F | 44 |
| 03 | A3 | Breast | Nonspecific infiltrating duct carcinoma | II | F | 46 |
| 04 | A4 | Breast | Nonspecific infiltrating duct carcinoma | I | F | 40 |
| 05 | A5 | Breast | Small area of carcinoma tissue in fibrous tissue | | F | 53 |
| 06 | A6 | Breast | Breast tissue | | F | 36 |
| 07 | A7 | Breast | Nonspecific infiltrating duct carcinoma | I | F | 40 |
| 08 | A8 | Breast | Nonspecific infiltrating duct carcinoma | I | F | 52 |
| 09 | A9 | Breast | Nonspecific infiltrating duct carcinoma | II | F | 38 |
| 10 | A10 | Breast | Nonspecific infiltrating duct carcinoma | II | F | 51 |
| 11 | B1 | Breast | Nonspecific infiltrating duct carcinoma | I | F | 40 |
| 12 | B2 | Breast | Nonspecific infiltrating duct carcinoma | II | F | 39 |
| 13 | B3 | Breast | Nonspecific infiltrating duct carcinoma | III | F | 64 |
| 14 | B4 | Breast | Nonspecific infiltrating duct carcinoma | I | F | 36 |
| 15 | B5 | Breast | Nonspecific infiltrating duct carcinoma | II | F | 43 |
| 16 | B6 | Breast | Nonspecific infiltrating duct carcinoma | II | F | 48 |
| 17 | B7 | Breast | Nonspecific infiltrating duct carcinoma | II | F | 45 |
| 18 | B8 | Breast | Nonspecific infiltrating duct carcinoma | II | F | 50 |
| 19 | B9 | Breast | Nonspecific infiltrating duct carcinoma | II | F | 34 |
| 20 | B10 | Breast | Nonspecific infiltrating duct carcinoma | I | F | 39 |
| 21 | C1 | Breast | Nonspecific infiltrating duct carcinoma | II | F | 48 |
| 22 | C2 | Breast | Nonspecific infiltrating duct carcinoma | II | F | 38 |
| 23 | C3 | Breast | Nonspecific infiltrating duct carcinoma | II | F | 50 |
| 24 | C4 | Breast | Nonspecific infiltrating duct carcinoma | II | F | 40 |
| 25 | C5 | Breast | Nonspecific infiltrating duct carcinoma | I | F | 52 |
| 26 | C6 | Breast | Nonspecific infiltrating duct carcinoma | II | F | 50 |
| 27 | C7 | Breast | Nonspecific infiltrating duct carcinoma | II | F | 40 |
| 28 | C8 | Breast | Nonspecific infiltrating duct carcinoma | I | F | 44 |
| 29 | C9 | Breast | Nonspecific infiltrating duct carcinoma | II | F | 48 |
| 30 | C10 | Breast | Nonspecific infiltrating duct carcinoma | II | F | 39 |
| 31 | D1 | Breast | Nonspecific infiltrating duct carcinoma | II | F | 48 |
| 32 | D2 | Breast | Nonspecific infiltrating duct carcinoma | I | F | 45 |
| 33 | D3 | Breast | Nonspecific infiltrating duct carcinoma | II | F | 39 |



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| | | | | | | |
|----|-----|--------|---|----|---|----|
| 34 | D4 | Breast | Nonspecific infiltrating duct carcinoma | II | F | 48 |
| 35 | D5 | Breast | Medullary carcinoma | | F | 39 |
| 36 | D6 | Breast | Medullary carcinoma | | F | 38 |
| 37 | D7 | Breast | Medullary carcinoma | | F | 49 |
| 38 | D8 | Breast | Mucinous adenocarcinoma | | F | 58 |
| 39 | D9 | Breast | Mucinous adenocarcinoma | | F | 40 |
| 40 | D10 | Breast | Apocrine carcinoma | | F | 54 |
| 41 | E1 | Breast | Fibrofatty tissue of No. 01 | | F | 60 |
| 42 | E2 | Breast | Breast tissue of No. 02 | | F | 44 |
| 43 | E3 | Breast | Carcinomatous embolus in blood vessel of No. 03 | | F | 46 |
| 44 | E4 | Breast | Fibrofatty tissue of No. 04 | | F | 40 |
| 45 | E5 | Breast | Breast tissue of No. 05 | | F | 53 |
| 46 | E6 | Breast | Breast tissue of No. 06 | | F | 36 |
| 47 | E7 | Breast | Breast tissue of No. 07 | | F | 40 |
| 48 | E8 | Breast | Microinvasive ductal carcinoma of No. 08 | | F | 52 |
| 49 | E9 | Breast | Breast tissue of No. 09 | | F | 38 |
| 50 | E10 | Breast | Fibrofatty tissue of No. 10 | | F | 51 |
| 51 | F1 | Breast | Fibrofatty tissue of No. 11 | | F | 40 |
| 52 | F2 | Breast | Breast tissue with metaplasia of apocrine gland of No. 12 | | F | 39 |
| 53 | F3 | Breast | Breast tissue of No. 13 | | F | 64 |
| 54 | F4 | Breast | Fibrofatty tissue of No. 14 | | F | 36 |
| 55 | F5 | Breast | Breast tissue of No. 15 | | F | 43 |
| 56 | F6 | Breast | Breast tissue of No. 16 | | F | 48 |
| 57 | F7 | Breast | Breast tissue of No. 17 | | F | 45 |
| 58 | F8 | Breast | Breast tissue of No. 18 | | F | 50 |
| 59 | F9 | Breast | Breast tissue of No. 19 | | F | 34 |
| 60 | F10 | Breast | Breast tissue of No. 20 | | F | 39 |
| 61 | G1 | Breast | Breast tissue of No. 21 | | F | 48 |
| 62 | G2 | Breast | Breast tissue of No. 22 | | F | 38 |
| 63 | G3 | Breast | Breast tissue of No. 23 | | F | 50 |
| 64 | G4 | Breast | Breast tissue of No. 24 | | F | 40 |
| 65 | G5 | Breast | Fibrofatty tissue of No. 25 | | F | 52 |
| 66 | G6 | Breast | Breast tissue of No. 26 | | F | 50 |
| 67 | G7 | Breast | Breast tissue of No. 27 | | F | 40 |
| 68 | G8 | Breast | Breast tissue of No. 28 | | F | 44 |
| 69 | G9 | Breast | Breast tissue of No. 29 | | F | 48 |
| 70 | G10 | Breast | Breast tissue of No. 30 | | F | 39 |
| 71 | H1 | Breast | Breast tissue of No. 31 | | F | 48 |
| 72 | H2 | Breast | Breast tissue of No. 32 | | F | 45 |
| 73 | H3 | Breast | Fibrofatty tissue of No. 33 | | F | 39 |
| 74 | H4 | Breast | Breast tissue of No. 34 | | F | 48 |
| 75 | H5 | Breast | Breast tissue of No. 35 | | F | 39 |
| 76 | H6 | Breast | Breast tissue of No. 36 | | F | 38 |
| 77 | H7 | Breast | Breast tissue of No. 37 | | F | 49 |
| 78 | H8 | Breast | Breast tissue of No. 38 | | F | 58 |
| 79 | H9 | Breast | Breast tissue of No. 39 | | F | 40 |
| 80 | H10 | Breast | Breast tissue of No. 40 | | F | 54 |

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