

Data Sheet

Product Name: Breast Tumor Frozen Tissue Array

Catalog No.: T6235086

Lot No.: B112136

Species: Human Mouse Rat Monkey (Rh) Guinea Pig Porcine
 Bovine Hamster Dog Monkey (Cy) Rabbit Plant

Tissue Type: Normal Adult Fetal Tumor Disease Cell line

Tissue Array Diagram:

	1	2	3	4	5	6	7	8
A	O	O	O	O	O	O	O	O
B	O	O	O	O	O	O	O	O
C	O	O	O	O	O	O	O	O
D	O	O	O	O	O	O	O	O
E	O	O	O	O	O	O	O	O

Components:

- 1 Tissue Array Slides 5 Tissue Array Slides per package
- Certificate of Analysis

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Donor Information:

Position	Age	Sex	Organ	Pathological Diagnosis	Tumor History	Tumor Size (cm)	Differentiation	TNM	ER	PR	HER2
A1	64	F	Breast	Invasive ductal carcinoma	2 Weeks	3x1.8x2	Poorly	T ₂ N ₁ M ₀	++	++	-
A2	70	F	Breast	Invasive ductal carcinoma	2 Years	2.5x2.5x4	Moderately	T ₂ N ₁ M ₀	-	-	-
A3	48	F	Breast	Invasive ductal carcinoma	1 Years	11x8	Moderately	T ₃ N ₁ M ₀	+	++	-
A4	57	F	Breast	Invasive ductal carcinoma	1 Weeks	5x6	Poorly	T ₃ N ₁ M ₀	+++	+	-
A5	65	F	Breast	invasive ductal carcinoma	2 Months	3 Diameter	Poorly	T ₂ N ₁ M ₀	-	+	-
A6	65	F	Breast	Invasive ductal carcinoma	4 Days	2 Diameter	Poorly	T ₂ N ₀ M ₀	+	+	-
A7	53	F	Breast	Invasive Lobular Carcinoma	2 Years	12X10	Moderately	T ₃ N ₁ M ₀	+++	-	-
A8	82	F	Breast	Invasive ductal carcinoma	4 Years	5x6	Moderately	T ₃ N ₁ M ₀	-	-	-
B1	64	F	Breast	Invasive Lobular Carcinoma	-	-	-	-	+	-	-
B2	34	F	Breast	Invasive ductal carcinoma	-	-	-	-	++	+	-
B3	40	F	Breast	Invasive ductal carcinoma	-	-	-	-	-	-	-
B4	48	F	Breast	Invasive ductal carcinoma	-	-	-	-	-	-	+++
B5	57	F	Breast	Invasive ductal carcinoma	-	-	-	-	+	-	-
B6	77	F	Breast	Invasive ductal carcinoma	-	-	-	-	+++	++	-
B7	42	F	Breast	Invasive ductal carcinoma	-	-	-	-	++	+++	-
B8	47	F	Breast	Invasive ductal carcinoma	-	-	-	-	-	+++	+
C1	34	F	Breast	Invasive ductal carcinoma	-	-	-	-	++	++	-
C2	48	F	Breast	Invasive ductal carcinoma	-	-	-	-	-	-	+++
C3	41	F	Breast	Invasive ductal carcinoma	-	-	-	-	-	+	-
C4	47	F	Breast	Invasive ductal carcinoma	-	-	-	-	-	-	-
C5	37	F	Breast	Invasive ductal carcinoma	-	-	-	-	-	-	-
C6	32	F	Breast	Invasive ductal carcinoma	-	-	-	-	+	++	-
C7	63	F	Breast	Invasive ductal carcinoma	-	-	-	-	-	-	++
C8	50	F	Breast	Invasive ductal carcinoma	-	-	-	-	-	-	-
D1	56	F	Breast	Invasive ductal carcinoma	-	-	-	-	-	-	++
D2	56	F	Breast	Invasive ductal carcinoma	-	-	-	-	-	-	++
D3	41	F	Breast	Invasive ductal carcinoma	-	-	-	-	-	++	++
D4	47	F	Breast	Invasive ductal carcinoma	-	-	-	-	-	+	-
D5	60	F	Breast	Invasive ductal carcinoma	-	-	-	-	+	-	-
D6	46	F	Breast	Invasive ductal carcinoma	-	-	-	-	+	-	-
D7	45	F	Breast	Invasive ductal carcinoma	-	-	-	-	-	-	+
D8	57	F	Breast	Invasive ductal carcinoma	-	-	-	T ₂ N ₀ M ₀	+	-	-
E1	37	F	Breast	Invasive ductal carcinoma	-	-	-	T ₂ N ₀ M ₀	-	-	-
E2	57	F	Breast	Invasive ductal carcinoma	-	-	-	-	-	-	-
E3	67	F	Breast	Invasive ductal carcinoma	-	-	-	T ₁ N ₀ M ₀	-	-	-
E4	63	F	Breast	Invasive ductal carcinoma	-	-	-	-	-	-	-
E5	50	F	Breast	Invasive ductal carcinoma	-	-	-	-	-	-	+++
E6	52	F	Breast	Normal	-	-	-	-	-	-	-
E7	73	F	Breast	Normal	-	-	-	-	++	++	-
E8	60	F	Breast	Normal	-	-	-	-	-	-	-

Primary tumor (T)

TX: Primary tumor cannot be assessed

T0: No evidence of primary tumor

Tis: Intraductal carcinoma, lobular carcinoma in situ, or Paget's disease of the nipple with no associated invasion of normal breast tissue
Tis (DCIS): Ductal carcinoma in situ

Tis (LCIS): Lobular carcinoma in situ

Tis (Paget's): Paget's disease of the nipple with no tumor. [Note: Paget's disease associated with a tumor is classified according to the size of the tumor.]

T1: Tumor 2.0 cm or less in greatest dimension

T1mic: Microinvasion 0.1 cm or less in greatest dimension

T1a: Tumor more than 0.1 but not more than 0.5 cm in greatest dimension

T1b: Tumor more than 0.5 cm but not more than 1.0 cm in greatest dimension

T1c: Tumor more than 1.0 cm but not more than 2.0 cm in greatest dimension

T2: Tumor more than 2.0 cm but not more than 5.0 cm in greatest dimension

T3: Tumor more than 5.0 cm in greatest dimension

T4: Tumor of any size with direct extension to (a) chest wall or (b) skin, only as described below.

T4a: Extension to chest wall, not including pectoralis muscle

T4b: Edema (including peau d'orange) or ulceration of the skin of the breast, or satellite skin nodules confined to the same breast

T4c: Both T4a and T4b

T4d: Inflammatory carcinoma.

Memory Aid for Primary tumor: The two numbers to remember are 2.0 and 5.0

T1 is no larger than 2.0 cm

T2 > 2.0 - 5.0 cm

T3 > 5.0 cm

Regional lymph nodes (N)

NX: Regional lymph nodes cannot be assessed (e.g., previously removed)

N0: No regional lymph node metastasis

N1: Metastasis to movable ipsilateral axillary lymph node(s)

N2: Metastasis to ipsilateral axillary lymph node(s) fixed or matted, or in clinically apparent* ipsilateral internal mammary nodes in the absence of clinically evident lymph node metastasis

N2a: Metastasis in ipsilateral axillary lymph nodes fixed to one another (matted) or to other structures

N2b: Metastasis only in clinically apparent* ipsilateral internal mammary nodes and in the absence of clinically evident axillary lymph node metastasis

N3: Metastasis in ipsilateral infraclavicular lymph node(s) with or without axillary lymph node involvement, or in clinically apparent* ipsilateral internal mammary lymph node(s) and in the presence of clinically evident axillary lymph node metastasis; or metastasis in ipsilateral supraclavicular lymph node(s) with or without axillary or internal mammary lymph node involvement

N3a: Metastasis in ipsilateral infraclavicular lymph node(s)

N3b: Metastasis in ipsilateral internal mammary lymph node(s) and axillary lymph node(s)

N3c: Metastasis in ipsilateral supraclavicular lymph node(s)

* [Note: Clinically apparent is defined as detected by imaging studies (excluding lymphoscintigraphy) or by clinical examination or grossly visible pathologically.]

Distant metastasis (M) MX: Presence of distant metastasis cannot be assessed, M0: No distant metastasis M1: Distant metastasis

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