

# Data Sheet

**Product Name: Breast Tumor Tissue Array- duplicated 70 cases covering all the common types of breast cancer and 5 cases of normal and other non-malignant breast tissue**

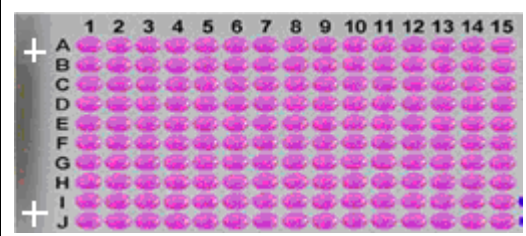
**Catalog No.: Z7020004**

**Lot No.: C704089**

**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:**

Cores	Size	Cut	Form at	QA/QC	
150	1mm	5 µm	10X15	H&E, IHC	

**Recommended applications:** For Research use only. RNA or protein breast cancer/non-tumor tissue profiling using IHC or ISH; Antibody characterization.

**Description:** Breast cancer tissue array, 150 cores including 75 cases of normal, reactive, premalignant and malignant (various grades and stages) tissues of the breast in duplicates. 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 all have a guaranteed one year's shelf-life at 4°C from the date of shipment. Each slide has >90% tissue core retention.

**Components:**

1. 5 Tissue Array Slides per package
2. Certificate of Analysis

Position	Age	Sex	Pathological Diagnosis	TNM	Stage	ER	PR	HER2
A1,B1	71	F	Normal/hyperplasia	N/A	N/A	-	-	-
A2,B2	62	F	Normal/hyperplasia	N/A	N/A	-	-	-
A3,B3	48	F	Normal/hyperplasia	N/A	N/A	-	-	-
A4,B4	32	F	FibroAdenoma	N/A	N/A	+	+	-
A5,B5	20	F	FibroAdenoma	N/A	N/A	+	+	-
A6,B6	47	F	Invasive Ductal Carcinoma	unknown	unknown	-	-	-
A7,B7	38	F	Invasive Ductal Carcinoma	T2N0M0	IIA	++	++	-
A8,B8	43	F	Invasive Ductal Carcinoma	T3N1M0	IIIA	+++	+++	-
A9,B9	35	F	Invasive Ductal Carcinoma	unknown	unknown	-	-	-
A10,B10	60	F	Invasive Ductal Carcinoma	T2N0M0	IIA	+++	+	-
A11,B11	40	F	Invasive Ductal Carcinoma	T2N1M0	IIB	+++	+++	-
A12,B12	46	F	Invasive Ductal Carcinoma	unknown	unknown	++	+++	-
A13,B13	66	F	Invasive Ductal Carcinoma	T2N0M0	IIA	+	-	-
A14,B14	41	F	Invasive Ductal Carcinoma	T2N1M0	IIB	-	++	-
A15,B15	46	F	Invasive Ductal Carcinoma	T2N0M0	IIA	++	+++	-
C1,D1	47	F	Invasive Ductal Carcinoma	T2N1M0	IIB	++	+	-
C2,D2	63	F	Invasive Ductal Carcinoma	T3N1M0	IIIA	-	-	++
C3,D3	46	F	Invasive Ductal Carcinoma	T2N1M0	IIB	-	+++	-
C4,D4	35	F	Invasive Ductal Carcinoma	T2N1M0	IIB	-	-	+++
C5,D5	53	F	Invasive Ductal Carcinoma	T3N0M1	IV	-	-	-
C6,D6	31	F	Invasive Ductal Carcinoma	T2N1M0	IIB	++	+	-
C7,D7	46	F	Invasive Ductal Carcinoma	T3N0M0	IIB	-	-	-
C8,D8	60	F	Invasive Ductal Carcinoma	T2N1M0	IIB	-	-	++
C9,D9	53	F	Invasive Ductal Carcinoma	T2N1M0	IIB	+	+++	-
C10,D10	53	F	Invasive Ductal Carcinoma	T2N1M0	IIB	-	-	-
C11,D11	65	F	Invasive Ductal Carcinoma	T1N0M0	I	+++	+	-
C12,D12	68	F	Invasive Ductal Carcinoma	T2N0Mx	IIA	-	-	-
C13,D13	80	F	Invasive Ductal Carcinoma	T3N0M0	IIB	+++	+++	-
C14,D14	81	F	Invasive Ductal Carcinoma	T3N1M0	IIIA	-	+	-
C15,D15	52	F	Invasive Ductal Carcinoma	T2N1M1	IV	-	-	-
E1,F1	58	F	Invasive Ductal Carcinoma	T1N1M0	IIA	-	-	-
E2,F2	54	F	Invasive Ductal Carcinoma	T3N1M0	IIIA	+++	+++	-
E3,F3	46	F	Invasive Ductal Carcinoma	T1N0M0	I	-	+++	-
E4,F4	65	F	Invasive Ductal Carcinoma	T1N0M0	I	-	-	+++
E5,F5	41	F	Invasive Lobular Carcinoma	T3N1M0	IIIA	-	-	+++
E6,F6	55	F	Invasive Ductal Carcinoma	T1N1M0	IIA	++	+++	-
E7,F7	53	F	Invasive ductal carcinoma	T1cN0Mx	IA	-	-	-
E8,F8	82	F	Invasive ductal carcinoma	T2N0Mx	IIA	-	-	-
E9,F9	69	F	Invasive Ductal Carcinoma	T3N1M1	IV	-	-	-
E10,F10	61	F	Invasive Ductal Carcinoma	T2N1M0	IIB	-	-	-
E11,F11	44	F	Invasive Ductal Carcinoma	unknown	unknown	-	++	++

Position	Age	Sex	Pathological Diagnosis	TNM	Stage	ER	PR	HER2
E12,F12	55	F	Invasive Ductal Carcinoma	unknown	unknown	++	-	-
E13,F13	46	F	Invasive Ductal Carcinoma	unknown	unknown	-	-	-
E14,F14	49	F	Invasive Ductal Carcinoma	T2N0M0	IIA	-	-	+++
E15,F15	35	F	Invasive Ductal Carcinoma	T3N0M0	IIB	-	+	-
G1,H1	42	F	Invasive Ductal Carcinoma	T2N0M0	IIA	-	-	-
G2,H2	49	F	Invasive Ductal Carcinoma	T1N0M0	I	+++	-	-
G3,H3	32	F	Invasive Ductal Carcinoma	T2N0M0	IIA	++	++----+++	-
G4,H4	74	F	Invasive Ductal Carcinoma	T1N0M0	I	+---++	+----++	+----++
G5,H5	42	F	Invasive Ductal Carcinoma	T2N0M0	IIA	++----+++	++	-
G6,H6	49	F	Invasive Ductal Carcinoma	T2N1M0	IIB	++	-	-
G7,H7	69	F	Invasive Lobular Carcinoma	T3N1M0	IIIA	-	-	+----++
G8,H8	42	F	Invasive Ductal Carcinoma	T2N0M0	IIA	++	+++	+
G9,H9	50	F	Invasive Ductal Carcinoma	T3N1M0	IIIA	-	-	-
G10,H10	77	F	Invasive Ductal Carcinoma	T2N0M0	IIA	+++	+++	-
G11,H11	41	F	Invasive Ductal Carcinoma	T3N0M0	IIB	-	-	-
G12,H12	37	F	Invasive Ductal Carcinoma	T2N1M1	IV	-	-	-
G13,H13	77	F	Invasive Ductal Carcinoma	T2N1M0	IIB	-	-	-
G14,H14	60	F	Medullary carcinoma	T4N1M0	IIIB	-	-	-
G15,H15	61	F	Invasive lobular carcinoma	T4N1M0	IIIB	++----+++	++----+++	-
I1,J1	61	F	Invasive Ductal Carcinoma	T3N0M0	IIB	++	-	-
I2,J2	30	F	Invasive Ductal Carcinoma	T2N3M0	IIIC	-	-	+++
I3,J3	56	F	Invasive Ductal Carcinoma	T2N0M0	IIA	-	-	-
I4,J4	36	F	Infiltrative ductal carcinoma	T3N3M0	IIIC	-	-	-
I5,J5	74	F	Infiltrative ductal carcinoma	T3N0M0	IIB	-	-	+----++
I6,J6	55	F	Acinic Cell carcinoma	T2N0M0	IIA	-	-	-
I7,J7	48	F	Invasive Ductal Carcinoma	T2N2M1	IV	-	-	-
I8,J8	52	F	Invasive Ductal Carcinoma	T3N0M0	IIB	-	-	-
I9,J9	51	F	Invasive Ductal Carcinoma	T3N1M1	IV	-	-	-
I10,J10	61	F	Invasive Ductal Carcinoma	T3N0M1	IV	-	-	-
I11,J11	84	F	Invasive Ductal Carcinoma	T1N0M0	I	+++	-	-
I12,J12	40	F	Invasive Ductal Carcinoma	T1N0M0	I	++	++	-
I13,J13	41	F	Invasive Ductal Carcinoma	T2N2M0	IIIA	+---++	++	-
I14,J14	64	F	Invasive Ductal Carcinoma	T2N1M0	IIB	+---++	+	-
I15,J15	37	F	Invasive Ductal Carcinoma	T2N1M1	IV	-	-	-

**Notes:** Bake at 60°C for 30 minutes before use. If antigen retrieving is needed, it is always a good idea to start with a protocol with weak to mild strength.

**Staining Scoring:** “-“ – no staining; “+“-“ – borderline staining; “+” – weak staining; “++” – moderate staining; “+++” – strong staining.

**FOR IN VITRO RESEARCH USE ONLY**

**APPROVED BY:** \_\_\_\_\_

A handwritten signature in cursive script, appearing to read 'Washy', written over a horizontal line.