

Reveal Biosciences offers Histochemical Staining, Immunohistochemistry (IHC), In Situ Hybridization (ISH), Whole Slide Imaging, and Quantitative Image Analysis on any TMA

BC05 - Triple Negative Breast Cancer Tissue Microarray (no ER, PR and HER2 Expression)

	1	2	3	4	5	6	7	8	9	10	11	12
A	●	●	●	●	●	●	●	●	●	●	●	●
B	●	●	●	●	●	●	●	●	●	●	●	●
C	●	●	●	●	●	●	●	●	●	●	●	●
D	●	●	●	●	●	●	●	●	●	●	●	●
E	●	●	●	●	●	●	●	●	●	●	●	●
F	●	●	●	●	●	●	●	●	●	●	●	●
G	●	●	●	●	●	●	●	●	●	●	●	●
H	●	●	●	●	●	●	●	●	●	●	●	●

Cases: 48

Cores: 96

Core Size: 1.5mm

Core Thickness: 4um

Format: 8 x 12

QA/QC: H&E,
IHC anti-Cytokeratin

● Malignant ● Orientation core

Description: Breast cancer tissue array without expression of ER, PR and HER2 (triple negative), 48 cases containing at least five control cases with various levels of ER, PR, HER2, and 43 cases with no detectable expressions of these three markers.

All tissues were fixed in 10% neutral buffer formalin for 24 hours and processed using identical SOPs. Sections were picked onto Superfrost Plus or Startfrost Adhesive slides. All TMAs are cut fresh upon ordering. They all have a guaranteed six month shelf-life at 4 degrees Celsius from the date of shipment. Additional cores not listed are orientation markers and have no data. There may be <5% core loss per slide but the core retention rate should be >90%.

Note: Bake at 60°C for 30 minutes before use.

Pos.	Sex	Age	Anatomic Site	Pathology	Grade	Stage (TNM)
A01	F	75.0	Breast	Invasive ductal carcinoma	III	
A02	F	30.0	Breast	Invasive ductal carcinoma, tubular	I	
A03	F	32.0	Breast	Invasive ductal carcinoma	III	
A04	F	29.0	Breast	Invasive ductal carcinoma	III	
A05	F	35.0	Breast	Invasive ductal carcinoma	II	
A06	F	67.0	Breast	Invasive lobular carcinoma	II~III	
A07	F	34.0	Breast	Invasive ductal carcinoma	III	
A08	F	54.0	Breast	Invasive ductal carcinoma	II	
A09	F	52.0	Breast	Invasive ductal carcinoma	II	
A10	F	47.0	Breast	Invasive ductal carcinoma	II~III	
A11	F	48.0	Breast	Invasive ductal carcinoma	II	
A12	F	40.0	Breast	Invasive lobular carcinoma	II~III	
B01	F	75.0	Breast	Invasive ductal carcinoma	III	
B02	F	30.0	Breast	Invasive ductal carcinoma, tubular	I	
B03	F	32.0	Breast	Invasive ductal carcinoma	III	
B04	F	29.0	Breast	Invasive ductal carcinoma	III	
B05	F	35.0	Breast	Invasive ductal carcinoma	II	
B06	F	67.0	Breast	Invasive lobular carcinoma	II~III	
B07	F	34.0	Breast	Invasive ductal carcinoma	III	
B08	F	54.0	Breast	Invasive ductal carcinoma	II	
B09	F	52.0	Breast	Invasive ductal carcinoma	II	
B10	F	47.0	Breast	Invasive ductal carcinoma	II~III	
B11	F	48.0	Breast	Invasive ductal carcinoma	II	
B12	F	40.0	Breast	Invasive lobular carcinoma	II~III	
C01	F	38.0	Breast	Invasive ductal carcinoma	I	T2N0M0
C02	F	79.0	Breast	Invasive ductal carcinoma	II	T2N1M0
C03	F	57.0	Breast	Invasive ductal carcinoma	II	T2N1M0
C04	F	43.0	Breast	Invasive ductal carcinoma		T2N0M0
C05	F	43.0	Breast	Invasive ductal carcinoma	III	T3N0M0
C06	F	50.0	Breast	Invasive ductal carcinoma	III	T2N1M0
C07	F	40.0	Breast	Invasive ductal carcinoma		T2N1M0
C08	F	30.0	Breast	Invasive ductal carcinoma	II	T2N1M0
C09	F	72.0	Breast	Invasive ductal carcinoma	I~II	T2N1M0

Pos.	Sex	Age	Anatomic Site	Pathology	Grade	Stage (TNM)
C10	F	44.0	Breast	Invasive ductal carcinoma		T2N1M0
C11	F	30.0	Breast	Invasive ductal carcinoma	III	T2N0M0
C12	F	44.0	Breast	Invasive ductal carcinoma	I	T2N0M0
D01	F	38.0	Breast	Invasive ductal carcinoma	I	T2N0M0
D02	F	79.0	Breast	Invasive ductal carcinoma	II	T2N1M0
D03	F	57.0	Breast	Invasive ductal carcinoma	II	T2N1M0
D04	F	43.0	Breast	Invasive ductal carcinoma		T2N0M0
D05	F	43.0	Breast	Invasive ductal carcinoma	III	T3N0M0
D06	F	50.0	Breast	Invasive ductal carcinoma	III	T2N1M0
D07	F	40.0	Breast	Invasive ductal carcinoma		T2N1M0
D08	F	30.0	Breast	Invasive ductal carcinoma	II	T2N1M0
D09	F	72.0	Breast	Invasive ductal carcinoma	I~II	T2N1M0
D10	F	44.0	Breast	Invasive ductal carcinoma		T2N1M0
D11	F	30.0	Breast	Invasive ductal carcinoma	III	T2N0M0
D12	F	44.0	Breast	Invasive ductal carcinoma	I	T2N0M0
E01	F	37.0	Breast	Invasive ductal carcinoma	II	T4N1M0
E02	F	49.0	Breast	Invasive ductal carcinoma	II~III	T2N0M0
E03	F	79.0	Breast	Invasive ductal carcinoma	II	T2N0M0
E04	F	45.0	Breast	Invasive ductal carcinoma	II~III	T2N0M0
E05	F	46.0	Breast	Invasive ductal carcinoma	III	T2N0M0
E06	F	34.0	Breast	Invasive lobular carcinoma	II	T2N1M0
E07	F	40.0	Breast	Invasive ductal carcinoma	III	T2N0M0
E08	F	64.0	Breast	Invasive ductal carcinoma	II	T2N1M0
E09	F	36.0	Breast	Invasive ductal carcinoma	III	T2N1M0
E10	F	59.0	Breast	Invasive ductal carcinoma	II	T2N0M0
E11	F	50.0	Breast	Invasive lobular carcinoma	II	T2N0M0
E12	F	36.0	Breast	Invasive ductal carcinoma	III	T2N0M0
F01	F	37.0	Breast	Invasive ductal carcinoma	II	T4N1M0
F02	F	49.0	Breast	Invasive ductal carcinoma	II~III	T2N0M0
F03	F	79.0	Breast	Invasive ductal carcinoma	II	T2N0M0
F04	F	45.0	Breast	Invasive ductal carcinoma	II~III	T2N0M0
F05	F	46.0	Breast	Invasive ductal carcinoma	III	T2N0M0
F06	F	34.0	Breast	Invasive lobular carcinoma	II	T2N1M0

Pos.	Sex	Age	Anatomic Site	Pathology	Grade	Stage (TNM)
F07	F	40.0	Breast	Invasive ductal carcinoma	III	T2N0M0
F08	F	64.0	Breast	Invasive ductal carcinoma	II	T2N1M0
F09	F	36.0	Breast	Invasive ductal carcinoma	III	T2N1M0
F10	F	59.0	Breast	Invasive ductal carcinoma	II	T2N0M0
F11	F	50.0	Breast	Invasive lobular carcinoma	II	T2N0M0
F12	F	36.0	Breast	Invasive ductal carcinoma	III	T2N0M0
G01	F	38.0	Breast	Invasive ductal carcinoma	II	T2N1M0
G02	F	35.0	Breast	Invasive ductal carcinoma	III	T2N0M0
G03	F	30.0	Breast	Invasive ductal carcinoma	II	T2N0M0
G04	F	34.0	Breast	Invasive ductal carcinoma	II	T2N1M0
G05	F	29.0	Breast	Invasive ductal carcinoma	II	T3N0M0
G06	F	57.0	Breast	Invasive ductal carcinoma	III	T2N0M0
G07	F	39.0	Breast	Invasive ductal carcinoma	III	T2N0M0
G08	F	41.0	Breast	Invasive ductal carcinoma	II	T2N2M0
G09	F	38.0	Breast	Invasive ductal carcinoma	III	T2N0M0
G10	F	65.0	Breast	Invasive ductal carcinoma	III	T2N0M0
G11	F	36.0	Breast	Invasive lobular carcinoma	II	T3N0M0
G12	F	34.0	Breast	Invasive ductal carcinoma	II	T2N0M0
H01	F	38.0	Breast	Invasive ductal carcinoma	II	T2N1M0
H02	F	35.0	Breast	Invasive ductal carcinoma	III	T2N0M0
H03	F	30.0	Breast	Invasive ductal carcinoma	II	T2N0M0
H04	F	34.0	Breast	Invasive ductal carcinoma	II	T2N1M0
H05	F	29.0	Breast	Invasive ductal carcinoma	II	T3N0M0
H06	F	57.0	Breast	Invasive ductal carcinoma	III	T2N0M0
H07	F	39.0	Breast	Invasive ductal carcinoma	III	T2N0M0
H08	F	41.0	Breast	Invasive ductal carcinoma	II	T2N2M0
H09	F	38.0	Breast	Invasive ductal carcinoma	III	T2N0M0
H10	F	65.0	Breast	Invasive ductal carcinoma	III	T2N0M0
H11	F	36.0	Breast	Invasive lobular carcinoma	II	T3N0M0
H12	F	34.0	Breast	Invasive ductal carcinoma	II	T2N0M0