



Cat No: **BRD181** – Breast disease tissue array

Lot#	Cores	Size	Cut	Format	QA/QC		
BRD18101	18	2.5mm	4um	4X5	H&E, IHC anti-Cytokeratin		

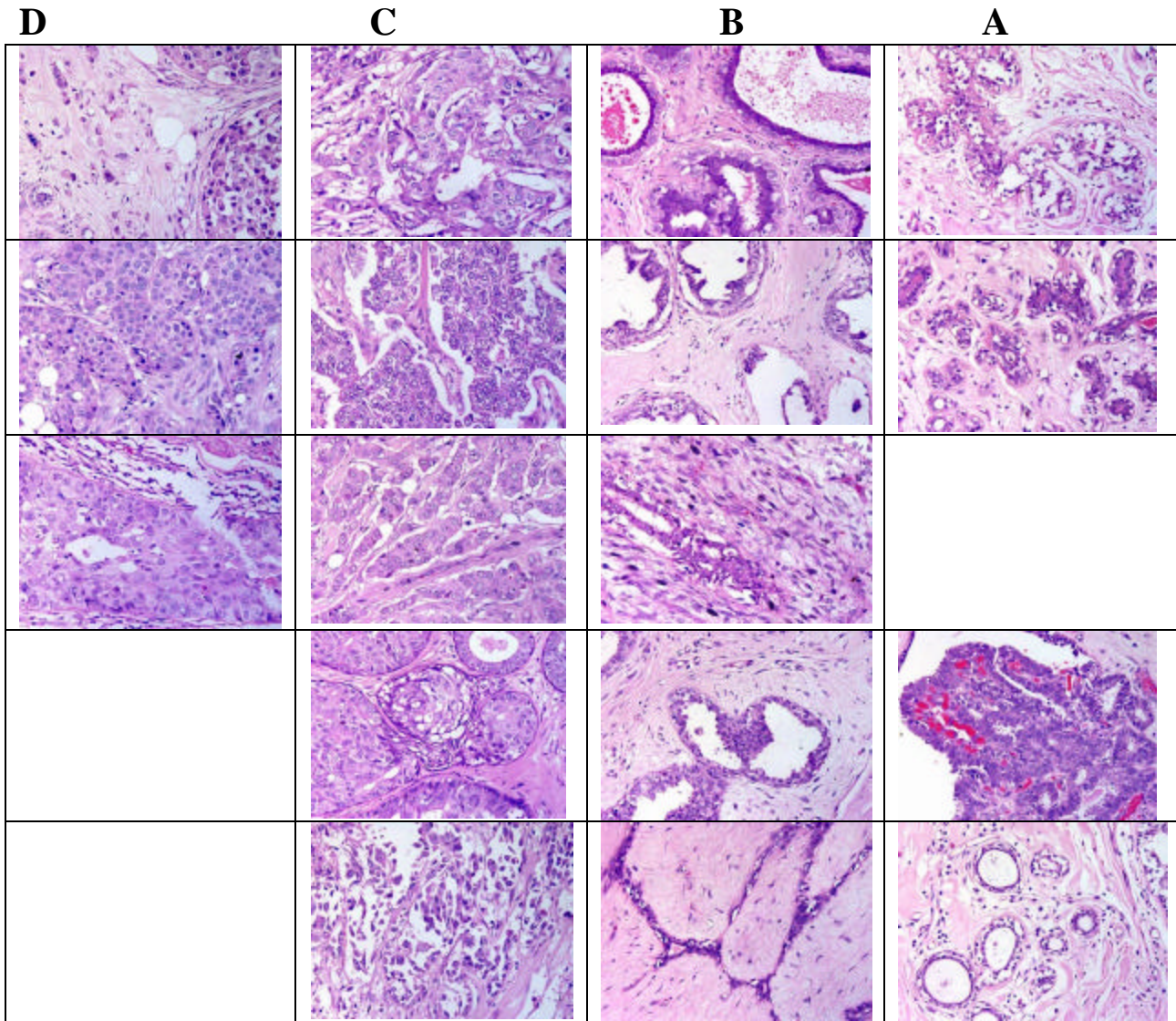
Recommended applications: For Research use only. Designed for breast disease RNA or protein tissue profiling using IHC or ISH.

Description: 6 types, 18 cases of reactive and tumor tissues of the breast. 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 six months' shelf-life at 4C from the date of shipment.

Array position	Sex	Age	Pathology	Stage (TNM)	Anatomic site
A1	F	52	Normal	-	Breast
A2	F	50	Normal	-	Breast
A3	F	39	Hyperplasia	-	Breast
A4	F	49	Hyperplasia	-	Breast
A5	F	41	Hyperplasia	-	Breast
B1	F	41	Hyperplasia	-	Breast
B2	M	23	Hyperplasia	-	Male breast
B3	F	45	Fibroadenoma	-	Breast
B4	F	25	Fibroadenoma	-	Breast
B5	F	32	Fibroadenoma	-	Breast
C1	F	50	Invasive ductual carcinoma	T4N3M1	Breast
C2	F	43	Invasive ductual carcinoma	T2N1M0	Breast
C3	F	47	Invasive ductual carcinoma	T2N3M0	Breast
C4	F	56	Invasive ductual carcinoma	T2N0M0	Breast
C5	F	34	Invasive ductual carcinoma	T2N2M0	Breast
D1	F	47	Invasive lobular carcinoma	T2N0M0	Breast
D2	F	47	Invasive lobular carcinoma	T2N0M0	Breast
D3	F	51	Paget's disease	TisN0M0	Breast

Notes: Bake at 60C 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.

Certified by: Langxing Pan, M.D.





TNM Classification: Breast carcinoma

T- Primary tumor

TX - Primary tumor cannot be assessed

TO - No evidence of primary tumor

Tis - Carcinoma in situ, intraductal carcinoma or lobular carcinoma in situ, or Paget's disease of the nipple with no tumor

T1 - Tumor 2 cm or less in greatest dimension

T2 - Tumor more than 2 cm but not more than 5 cm in greatest dimension

T3 - Tumor more than 5 cm in greatest dimension

T4 - Tumor of any size with direct extension to chest wall or skin

N - Regional lymph nodes

NX - Regional lymph nodes cannot be assessed

NO - No regional lymph node metastasis

N1 - Metastasis to movable ipsilateral lymph node(s)

N2 - Metastasis to ipsilateral lymph nodes(s) fixed to one another or to other structure

N3 - Metastasis to ipsilateral internal mammary lymph node(s)

M - Distant metastasis

MX - Distant metastasis cannot be assessed

MO - No distant metastasis

M1 - Distant metastasis

TNM classification of malignant tumours, Fifth Edition (1997)