





Quickarrays, Inc

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Advancing Biomedical Science Through Tissue Arrays

Cat No: **HRC081** –HER2 IHC control Array

Lot#	Cores	Size	Cut	Format	QA/QC		
HRC081	8	1.5mm		4X2	H&E, IHC anti-HER2		

Recommended applications: HER2 IHC control with strong, moderate, low/negative expressers

Description: The array contains eight 1.5mm cores duplicated from four cases of invasive ductular carcinoma 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 can be stored for use at 4C for up to six months from the date of shipment. **There may be 5 to 10% of tissue core loss.** As validated by IHC, A1, 2 is a strong (+++) expresser, B1, 2 is a moderate (++) expresser, C1, 2 is weak (+) expresser while D1, 2 is weak or non-expresser of the HER2 molecule.

Array position	Sex	Age	Anatomic site	Pathology	Grade	Stage	Staining Intensity
A01	F	36	Breast	Invasive ductal carcinoma	II	T3N1M0	+++
A02	F	36	Breast	Invasive ductal carcinoma	II	T3N1M0	+++
B01	F	37	Breast	Invasive ductal carcinoma	I~II	T2N0M0	++
B02	F	37	Breast	Invasive ductal carcinoma	I~II	T2N0M0	++
C01	F	30	Breast	Invasive ductal carcinoma	I~II	T3N0M0	+
C02	F	30	Breast	Invasive ductal carcinoma	I~II	T3N0M0	+
D01	F	63	Breast	Invasive ductal carcinoma	II~III	T4N2M0	-
D02	F	63	Breast	Invasive ductal carcinoma	II~III	T4N2M0	-

Notes: Bake at 60C for ~60 minutes before use. If antigen retrieving is needed, it is important to avoid **direct-boiling and high pH or high strength** antigen retrieving buffer.

Certified by: Langxing Pan, M.D., Ph.D.