

DEPARTMENT OF PATHOLOGY

MD Anderson Cancer Center
1515 Holcombe Boulevard | Houston, TX 77030

SURGICAL PATHOLOGY REPORT

Patient:	Thomas Rivera
DOB:	1964-06-22
MRN:	THOMAS_R
Accession:	26565-685773
Biopsy Date:	2025-04-20
Biopsy Site:	Right breast mass, core needle biopsy
Ordering Physician:	Dr. Rachel Kim

HISTOPATHOLOGY

Histologic Type: Invasive ductal carcinoma, Grade 2

BIOMARKER STATUS

Marker	Result	Details
Estrogen Receptor (ER)	Positive	85% staining, Allred 7/8
Progesterone Receptor (PR)	Positive	40% staining, Allred 5/8
HER2/neu	Negative	IHC 1+, FISH: Not amplified
Ki-67 Proliferation Index	22%	
PIK3CA Mutation	Negative (wild-type)	Method: FoundationOne CDx

BIOMARKER SUMMARY

HR-positive (ER 85%, PR 40%), HER2-negative (IHC 1+), PIK3CA wild-type. Male breast cancer.

Electronically signed by: Pathologist, MD | MD Anderson Cancer Center
Report finalized: 04/20/2025 | Accession: 26565-685773