

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

## TY01 - Thyroid Cancer Tissue Microarray

	1	2	3	4	5	6	7	8	9	10	11	12	13
A	●	●	●	●	●	●	●	●	●	●	●	●	●
B	●	●	●	●	●	●	●	●	●	●	●	●	●
C	●	●	●	●	●	●	●	●	●	●	●	●	●
D	●	●	●	●	●	●	●	●	●	●	●	●	●
E	●	●	●	●	●	●	●	●	●	●	●	●	●
F	●	●	●	●	●	●	●	●	●	●	●	●	●
G	●	●	●	●	●	●	●	●	●	●	●	●	●
H	●	●	●	●	●	●	●	●	●	●	●	●	●

**Cases:** 102

**Cores:** 102

**Core Size:** 1.5mm

**Core Thickness:** 4um

**Format:** 8 x 13

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

● Normal   ● Malignant   ● Orientation core

**Description:** Thyroid cancer tissue array, 102 cases of normal(5 cases) and cancer (97 cases) tissues, with grading and TNM staging data.

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	52.0	Thyroid	Normal		
A02	F	54.0	Thyroid	Normal		
A03	M	60.0	Thyroid	Normal		
A04	F	74.0	Thyroid	Normal		
A05	F	50.0	Thyroid	Normal		
A06	M	60.0	Thyroid	Follicular carcinoma		T3N0M0
A07	F	73.0	Thyroid	Follicular carcinoma		T2N0M0
A08	F	19.0	Thyroid	Follicular carcinoma		T2N1M0
A09	F	66.0	Thyroid	Follicular carcinoma		T2N0M0
A10	F	68.0	Thyroid	Follicular carcinoma		T2N0M0
A11	F	75.0	Thyroid	Follicular carcinoma		T2N0M0
A12	M	66.0	Thyroid	Follicular carcinoma		T2N0M0
A13	F	35.0	Thyroid	Follicular carcinoma		T2N0M0
B01	M	44.0	Thyroid	Follicular carcinoma		T2N0M0
B02	F	52.0	Thyroid	Follicular carcinoma		T2N0M0
B03	F	36.0	Thyroid	Follicular carcinoma		T1N0M0
B04	F	71.0	Thyroid	Follicular carcinoma		T1N0M0
B05	M	54.0	Thyroid	Follicular carcinoma		T3N0M0
B06	F	63.0	Thyroid	Follicular carcinoma		T2N0M0
B07	M	48.0	Thyroid	Follicular carcinoma		T3N0M0
B08	F	44.0	Thyroid	Follicular carcinoma		T3N0M0
B09	F	69.0	Thyroid	Follicular carcinoma		T2N0M0
B10	F	37.0	Thyroid	Follicular carcinoma		T2N0M0
B11	F	73.0	Thyroid	Follicular carcinoma		T2N0M0
B12	M	73.0	Thyroid	Papillary adenocarcinoma		T2N0M0
B13	F	56.0	Thyroid	Papillary adenocarcinoma		T1N0M0
C01	F	56.0	Thyroid	Papillary adenocarcinoma		T4N1M0
C02	F	16.0	Thyroid	Papillary adenocarcinoma		T3N1M0
C03	F	35.0	Thyroid	Papillary adenocarcinoma		T2N0M0
C04	F	27.0	Thyroid	Papillary adenocarcinoma		T3N1M0
C05	M	43.0	Thyroid	Papillary adenocarcinoma		T2N1M0
C06	M	45.0	Thyroid	Papillary adenocarcinoma		T2N1M0
C07	F	34.0	Thyroid	Papillary adenocarcinoma		T2N1M0

Pos.	Sex	Age	Anatomic Site	Pathology	Grade	Stage (TNM)
C08	F	49.0	Thyroid	Papillary adenocarcinoma		T4N0M0
C09	M	22.0	Thyroid	Papillary adenocarcinoma		T2N0M0
C10	F	40.0	Thyroid	Papillary adenocarcinoma		T1N0M0
C11	F	33.0	Thyroid	Papillary adenocarcinoma		T2N0M0
C12	M	42.0	Thyroid	Papillary adenocarcinoma		T3N0M0
C13	F	26.0	Thyroid	Papillary adenocarcinoma		T3N0M0
D01	M	19.0	Thyroid	Papillary adenocarcinoma		T3N1M0
D02	M	19.0	Thyroid	Papillary adenocarcinoma		T3N0M0
D03	F	45.0	Thyroid	Papillary adenocarcinoma		T2N0M0
D04	F	43.0	Thyroid	Papillary adenocarcinoma		T3N0M0
D05	F	33.0	Thyroid	Papillary adenocarcinoma		T3N0M0
D06	F	29.0	Thyroid	Papillary adenocarcinoma		T1N1M0
D07	F	76.0	Thyroid	Papillary adenocarcinoma		T2N0M0
D08	F	47.0	Thyroid	Papillary adenocarcinoma		T2N0M0
D09	F	48.0	Thyroid	Papillary adenocarcinoma		T2N0M0
D10	F	49.0	Thyroid	Papillary adenocarcinoma		T3N0M0
D11	F	59.0	Thyroid	Papillary adenocarcinoma		T2N0M0
D12	F	68.0	Thyroid	Papillary adenocarcinoma		T2N0M0
D13	F	74.0	Thyroid	Papillary adenocarcinoma		T3N0M0
E01	F	48.0	Thyroid	Papillary adenocarcinoma		T2N0M0
E02	F	58.0	Thyroid	Papillary adenocarcinoma		T3N0M0
E03	M	55.0	Thyroid	Papillary adenocarcinoma		T3N0M0
E04	F	31.0	Thyroid	Papillary adenocarcinoma		T2N0M0
E05	F	77.0	Thyroid	Papillary adenocarcinoma		T1N0M0
E06	M	32.0	Thyroid	Papillary adenocarcinoma		T1N1M0
E07	F	59.0	Thyroid	Papillary adenocarcinoma		T1N0M0
E08	F	27.0	Thyroid	Papillary adenocarcinoma		T2N0M0
E09	F	42.0	Thyroid	Papillary adenocarcinoma		T3N0M0
E10	F	59.0	Thyroid	Papillary adenocarcinoma		T3N0M0
E11	F	25.0	Thyroid	Papillary adenocarcinoma		T2N0M0
E12	M	36.0	Thyroid	Papillary adenocarcinoma		T3N1M0
E13	F	80.0	Thyroid	Papillary adenocarcinoma		T2N0M0
F01	M	30.0	Thyroid	Papillary adenocarcinoma		T3N0M0

Pos.	Sex	Age	Anatomic Site	Pathology	Grade	Stage (TNM)
F02	F	45.0	Thyroid	Papillary adenocarcinoma		T2N0M0
F03	M	60.0	Thyroid	Papillary adenocarcinoma		T3N0M0
F04	F	32.0	Thyroid	Papillary adenocarcinoma		T2N1M0
F05	F	38.0	Thyroid	Papillary adenocarcinoma		T2N0M0
F06	F	24.0	Thyroid	Papillary adenocarcinoma		T2N0M0
F07	F	69.0	Thyroid	Papillary adenocarcinoma		T2N0M0
F08	F	64.0	Thyroid	Papillary adenocarcinoma		T2N0M0
F09	F	37.0	Thyroid	Papillary adenocarcinoma		T2N0M0
F10	F	57.0	Thyroid	Papillary adenocarcinoma		T3N0M0
F11	F	52.0	Thyroid	Papillary adenocarcinoma		T2N0M0
F12	F	32.0	Thyroid	Papillary adenocarcinoma		T2N0M0
F13	F	15.0	Thyroid	Papillary adenocarcinoma		T3N0M0
G01	M	24.0	Thyroid	Papillary adenocarcinoma		T3N1M0
G02	M	53.0	Thyroid	Papillary adenocarcinoma		T2N1M0
G03	F	30.0	Thyroid	Papillary adenocarcinoma		T2N0M0
G04	M	34.0	Thyroid	Papillary adenocarcinoma		T3N0M0
G05	M	21.0	Thyroid	Papillary adenocarcinoma		T2N1M0
G06	M	22.0	Thyroid	Papillary adenocarcinoma		T2N1M0
G07	F	37.0	Thyroid	Papillary adenocarcinoma		T2N0M0
G08	M	47.0	Thyroid	Papillary adenocarcinoma		T3N0M0
G09	F	14.0	Thyroid	Papillary adenocarcinoma		T2N1M0
G10	F	67.0	Thyroid	Papillary adenocarcinoma		T2N0M0
G11	M	43.0	Thyroid	Papillary adenocarcinoma		T2N1M0
G12	M	62.0	Thyroid	Papillary adenocarcinoma		T3N1M0
H01	F	34.0	Thyroid	Papillary adenocarcinoma		T2N1M0
H02	F	25.0	Thyroid	Papillary adenocarcinoma		T2N0M0
H03	F	54.0	Thyroid	Medullary carcinoma		T2N1M0
H04	M	63.0	Thyroid	Medullary carcinoma		T2N1M0
H05	M	66.0	Thyroid	Medullary carcinoma		T2N1M0
H06	M	35.0	Thyroid	Medullary carcinoma		T3N0M0
H07	M	71.0	Thyroid	Medullary carcinoma		T3N1M1
H08	M	51.0	Thyroid	Medullary carcinoma		T3N1M0
H09	M	74.0	Thyroid	Medullary carcinoma		T2N1M0

<b>Position</b>	<b>Sex</b>	<b>Age</b>	<b>Anatomic Site</b>	<b>Pathology</b>	<b>Grade</b>	<b>Stage (TNM)</b>
H10	M	27.0	Thyroid	Medullary carcinoma		T2N1M0
H11	F	70.0	Thyroid	Medullary carcinoma		T1N1M0
H12	F	68.0	Thyroid	Medullary carcinoma		T2N0M0