

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

RC01 - Rectum 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 ● Benign ● Malignant ● Orientation core

Description: Rectum cancer tissue array, 102 cases of normal-benign (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	M	31.0	Intestine, rectum	Normal		
A02	M	74.0	Intestine, rectum	Normal		
A03	M	68.0	Intestine, rectum	Villous adenoma		
A04	M	77.0	Intestine, rectum	Villous adenoma		
A05	M	62.0	Intestine, rectum	Villous adenoma		
A06	M	54.0	Intestine, rectum	Papillary adenocarcinoma		T1N0M0
A07	M	73.0	Intestine, rectum	Papillary adenocarcinoma		T2N1M0
A08	M	58.0	Intestine, rectum	Papillary adenocarcinoma		T1N0M0
A09	F	38.0	Intestine, rectum	Papillary adenocarcinoma		T2N0M0
A10	M	44.0	Intestine, rectum	Mucinous adenocarcinoma		T2N2M0
A11	M	53.0	Intestine, rectum	Mucinous adenocarcinoma		T2N1M0
A12	F	53.0	Intestine, rectum	Mucinous adenocarcinoma		T3N0M0
A13	F	37.0	Intestine, rectum	Adenocarcinoma	I	T3N0M0
B01	F	50.0	Intestine, rectum	Adenocarcinoma	I	T2N1M0
B02	M	55.0	Intestine, rectum	Adenocarcinoma	I~II	T3N1M0
B03	M	66.0	Intestine, rectum	Adenocarcinoma	I	T2N1M0
B04	M	72.0	Intestine, rectum	Adenocarcinoma	I	T1N0M0
B05	F	73.0	Intestine, rectum	Adenocarcinoma	I	T2N0M0
B06	M	53.0	Intestine, rectum	Adenocarcinoma	I	T2N0M0
B07	F	70.0	Intestine, rectum	Adenocarcinoma	I	T2N1M0
B08	M	79.0	Intestine, rectum	Adenocarcinoma	I	T2N0M0
B09	M	68.0	Intestine, rectum	Adenocarcinoma	I~II	T3N1M0
B10	F	42.0	Intestine, rectum	Adenocarcinoma	I~II	T3N0M0
B11	M	30.0	Intestine, rectum	Adenocarcinoma	I~II	T2N2M0
B12	M	29.0	Intestine, rectum	Adenocarcinoma	I~II	T3N0M0
B13	M	70.0	Intestine, rectum	Adenocarcinoma	I~II	T3N1M0
C01	M	59.0	Intestine, rectum	Adenocarcinoma	I~II	T2N0M0
C02	M	74.0	Intestine, rectum	Adenocarcinoma	I~II	T2N0M0
C03	M	52.0	Intestine, rectum	Adenocarcinoma	I~II	T2N0M0
C04	M	75.0	Intestine, rectum	Adenocarcinoma	I~II	T2N0M0
C05	M	32.0	Intestine, rectum	Adenocarcinoma	I~II	T3N1M0
C06	F	60.0	Intestine, rectum	Adenocarcinoma	I~II	T3N1M0
C07	F	56.0	Intestine, rectum	Adenocarcinoma	I~II	T3N1M0

Pos.	Sex	Age	Anatomic Site	Pathology	Grade	Stage (TNM)
C08	M	50.0	Intestine, rectum	Adenocarcinoma	I~II	T3N1M0
C09	F	73.0	Intestine, rectum	Adenocarcinoma	I~II	T3N1M0
C10	F	62.0	Intestine, rectum	Adenocarcinoma	I~II	T2N0M0
C11	M	67.0	Intestine, rectum	Adenocarcinoma	I~II	T3N0M0
C12	M	36.0	Intestine, rectum	Adenocarcinoma	I~II	T3N1M0
C13	M	78.0	Intestine, rectum	Adenocarcinoma	I~II	T3N0M0
D01	M	56.0	Intestine, rectum	Adenocarcinoma	II	T3N0M0
D02	F	26.0	Intestine, rectum	Adenocarcinoma	II	T3N1M1
D03	M	52.0	Intestine, rectum	Adenocarcinoma	II	T2N0M0
D04	M	57.0	Intestine, rectum	Adenocarcinoma	II	T3N0M0
D05	F	47.0	Intestine, rectum	Adenocarcinoma	II	T2N0M0
D06	M	80.0	Intestine, rectum	Adenocarcinoma	II	T2N0M0
D07	M	80.0	Intestine, rectum	Adenocarcinoma	II	T3N1M0
D08	M	70.0	Intestine, rectum	Adenocarcinoma	II	T2N0M0
D09	F	66.0	Intestine, rectum	Adenocarcinoma	II	T2N0M0
D10	M	76.0	Intestine, rectum	Adenocarcinoma	II	T3N0M0
D11	M	87.0	Intestine, rectum	Adenocarcinoma	II	T3N1M0
D12	M	44.0	Intestine, rectum	Adenocarcinoma	II	T2N0M0
D13	M	49.0	Intestine, rectum	Adenocarcinoma	II	T2N0M0
E01	M	58.0	Intestine, rectum	Adenocarcinoma	II	T3N0M0
E02	F	74.0	Intestine, rectum	Adenocarcinoma	II	T3N0M0
E03	M	53.0	Intestine, rectum	Adenocarcinoma	II	T2N0M0
E04	F	56.0	Intestine, rectum	Adenocarcinoma	II	T3N1M0
E05	M	38.0	Intestine, rectum	Adenocarcinoma	II	T3N1M0
E06	F	38.0	Intestine, rectum	Adenocarcinoma	II	T3N2M0
E07	M	83.0	Intestine, rectum	Adenocarcinoma	II	T3N0M0
E08	F	84.0	Intestine, rectum	Adenocarcinoma	II	T3N0M0
E09	M	86.0	Intestine, rectum	Adenocarcinoma	II	T2N0M0
E10	M	63.0	Intestine, rectum	Adenocarcinoma	II	T3N0M0
E11	F	67.0	Intestine, rectum	Adenocarcinoma	II	T2N0M0
E12	M	68.0	Intestine, rectum	Adenocarcinoma	II	T3N1M0
E13	F	45.0	Intestine, rectum	Adenocarcinoma	I~II	T3N1M0
F01	M	49.0	Intestine, rectum	Adenocarcinoma	II	T3N1M0

Pos.	Sex	Age	Anatomic Site	Pathology	Grade	Stage (TNM)
F02	M	78.0	Intestine, rectum	Adenocarcinoma	II	T2N0M0
F03	M	80.0	Intestine, rectum	Adenocarcinoma	II	T2N1M0
F04	M	65.0	Intestine, rectum	Adenocarcinoma	II	T2N0M0
F05	M	54.0	Intestine, rectum	Adenocarcinoma	II	T2N0M0
F06	F	42.0	Intestine, rectum	Adenocarcinoma	II	T3N1M0
F07	M	60.0	Intestine, rectum	Adenocarcinoma	II	T2N0M0
F08	F	43.0	Intestine, rectum	Adenocarcinoma	II	T3N1M0
F09	M	72.0	Intestine, rectum	Adenocarcinoma	II	T3N2M0
F10	F	50.0	Intestine, rectum	Adenocarcinoma	II	T2N0M0
F11	F	55.0	Intestine, rectum	Adenocarcinoma	II	T3N0M0
F12	M	70.0	Intestine, rectum	Adenocarcinoma	II	T3N0M0
F13	M	54.0	Intestine, rectum	Adenocarcinoma	I	T3N1M0
G01	M	66.0	Intestine, rectum	Adenocarcinoma	II	T2N1M0
G02	M	65.0	Intestine, rectum	Adenocarcinoma	II	T2N0M0
G03	M	59.0	Intestine, rectum	Adenocarcinoma	II	T2N0M0
G04	F	57.0	Intestine, rectum	Adenocarcinoma	II	T2N0M0
G05	M	52.0	Intestine, rectum	Adenocarcinoma	II	T3N0M0
G06	M	69.0	Intestine, rectum	Adenocarcinoma	II	T3N1M0
G07	M	66.0	Intestine, rectum	Adenocarcinoma	II	T3N1M0
G08	F	51.0	Intestine, rectum	Adenocarcinoma	II	T3N0M0
G09	M	73.0	Intestine, rectum	Adenocarcinoma	II	T2N0M0
G10	M	79.0	Intestine, rectum	Adenocarcinoma	II	T2N0M0
G11	M	41.0	Intestine, rectum	Adenocarcinoma	II~III	T2N0M0
G12	F	73.0	Intestine, rectum	Adenocarcinoma	II~III	T2N0M0
H01	M	52.0	Intestine, rectum	Adenocarcinoma	II~III	T3N1M0
H02	M	75.0	Intestine, rectum	Adenocarcinoma	II~III	T2N1M0
H03	M	62.0	Intestine, rectum	Adenocarcinoma	II~III	T3N1M0
H04	M	54.0	Intestine, rectum	Adenocarcinoma	III	T3N0M0
H05	M	50.0	Intestine, rectum	Adenocarcinoma	II~III	T2N0M0
H06	M	50.0	Intestine, rectum	Adenocarcinoma	III	T3N1M0
H07	F	28.0	Intestine, rectum	Adenocarcinoma	III	T3N1M0
H08	M	67.0	Intestine, rectum	Adenocarcinoma	III	T2N0M0
H09	M	31.0	Intestine, rectum	Adenocarcinoma	III	T3N2M0

Pos.	Sex	Age	Anatomic Site	Pathology	Grade	Stage (TNM)
H10	F	30.0	Intestine, rectum	Adenocarcinoma	III	T3N1M0
H11	M	63.0	Intestine, rectum	Adenocarcinoma	III	T3N0M1
H12	M	44.0	Intestine, rectum	Undifferentiated carcinoma		T2N2M0