

TC003: Colorectal Tumour Tissue Microarray

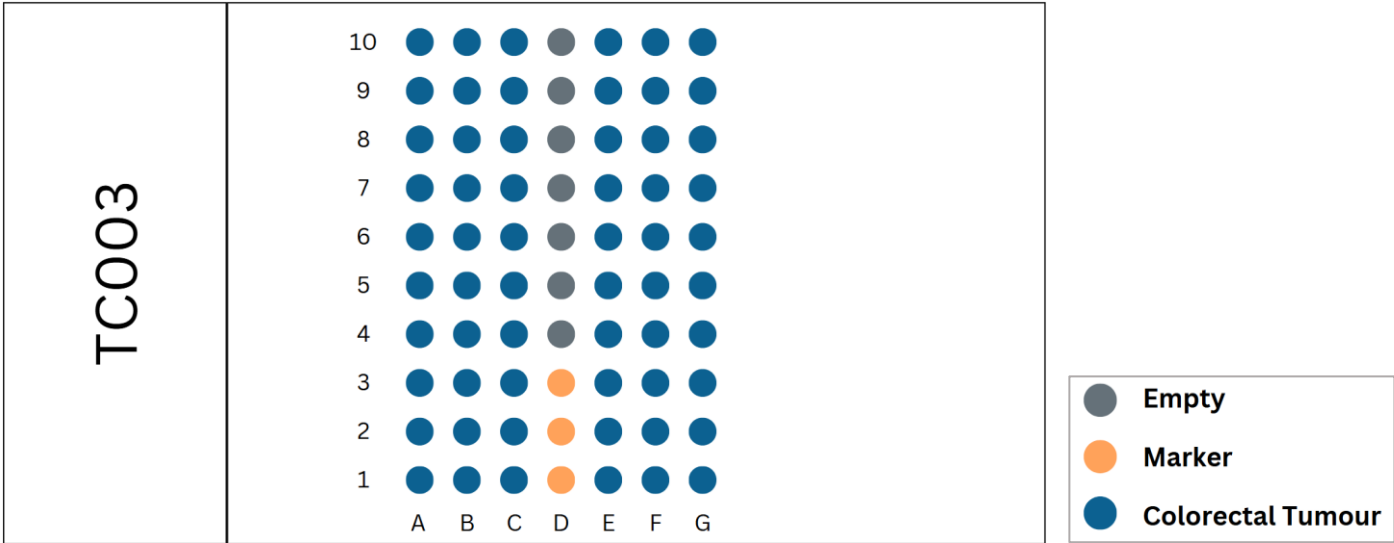
53 cases/60 cores and 3 markers, include TNM and pathology diagnosis



Description

Product code	TC003
Cases	53 cases (Single core: 46 cases; Duplicate core: 7 cases)
Row number	10
Column number	7
Core diameter	0.6 mm
Thickness	4 µm
Tissue array type	FFPE
Species	Human
Application	<ul style="list-style-type: none">ImmunohistochemistryIn situ hybridizationFluorescent in situ hybridizationTerminal deoxynucleotidyl transferase dUTP nick-end labelling (TUNEL) analysisIn situ polymerase chain reaction (In situ PCR)
Notes	<ul style="list-style-type: none">Storage temperature : 4°CShipping temperature : Ambient

TMA map:



Position	Age	Gender	Pathology diagnosis	TNM	Type of tumour
A1	57	F	Moderately differentiated adenocarcinoma	T3 N0 Mx	Malignant
A2	58	F	Moderately differentiated adenocarcinoma	T4 N1 MX	Malignant
A3	65	M	Moderately differentiated adenocarcinoma	T4a N2a MX	Malignant
A4	49	M	Moderately differentiated adenocarcinoma	T3 N1b M1	Malignant
A5	63	M	Moderately differentiated adenocarcinoma	T4	Malignant
A6	67	M	Moderately differentiated adenocarcinoma	T3 N1b MX	Malignant
A7	42	M	Moderately differentiated adenocarcinoma	T3 N0 MX	Malignant
A8	62	M	Mucinous carcinoma of the rectum	T3 N0 MX	Malignant
A9	63	F	Moderately differentiated adenocarcinoma	T3 N0 MX	Malignant
A10	65	M	*Duplicates of A3 Moderately differentiated adenocarcinoma	T4a N2a MX	Malignant
B1	58	F	Moderately differentiated adenocarcinoma	T3 N2b M1a	Malignant
B2	56	F	Poorly differentiated adenocarcinoma	T3 N1 MX	Malignant
B3	54	M	Moderately differentiated adenocarcinoma	T3 N0 MX	Malignant
B4	45	M	Moderately differentiated adenocarcinoma	T3 N0 MX	Malignant
B5	41	F	Moderately differentiated adenocarcinoma	T4a N2a MX	Malignant
B6	68	M	Moderately differentiated adenocarcinoma	T4b NX MX	Malignant
B7	65	F	Moderately differentiated adenocarcinoma	T4b N1a MX	Malignant
B8	35	M	Moderately differentiated adenocarcinoma	T4a N1c MX	Malignant
B9	38	F	Moderately differentiated adenocarcinoma	T3 N0 MX	Malignant
B10	48	M	Moderately differentiated adenocarcinoma	T3 N2 MX	Malignant
C1	64	M	Moderately differentiated adenocarcinoma	T3 N1b MX	Malignant
C2	69	M	Moderately differentiated adenocarcinoma	T3 N2a MX	Malignant
C3	59	F	Moderately differentiated adenocarcinoma	T3 N0 MX	Malignant
C4	79	F	Moderately differentiated adenocarcinoma	T3 N0 MX	Malignant
C5	57	M	Moderately differentiated adenocarcinoma	T3 N1b MX	Malignant
C6	62	M	Moderately differentiated adenocarcinoma	T4 N2 MX	Malignant
C7	77	M	Moderately differentiated adenocarcinoma	T3 N0 MX	Malignant
C8	42	M	*Duplicates of A7 Moderately differentiated adenocarcinoma	T3 N0 MX	Malignant
C9	45	M	*Duplicates of B4 Moderately differentiated adenocarcinoma	T3 N0 MX	Malignant
C10	61	M	Moderately differentiated adenocarcinoma	T4b	Malignant
D1	Marker				
D2	Marker				

D3	Marker				
D4					
D5					
D6					
D7					
D8					
D9					
D10					
E1	81	F	Moderately differentiated adenocarcinoma	T3 N1 MX	Malignant
E2	62	M	Moderately differentiated adenocarcinoma	T4b N2b MX	Malignant
E3	49	F	Moderately differentiated adenocarcinoma	T3	Malignant
E4	41	F	*Duplicates of B5 Moderately differentiated adenocarcinoma	T4a N2a Mx	Malignant
E5	29	M	Moderately differentiated adenocarcinoma	T3 N2a MX	Malignant
E6	71	M	Moderately differentiated adenocarcinoma	T3 N1a MX	Malignant
E7	80	M	Moderately differentiated adenocarcinoma	T2 N0 MX	Malignant
E8	67	F	Moderately differentiated adenocarcinoma	T3 N2b MX	Malignant
E9	68	M	Moderately differentiated adenocarcinoma	T3 N2a MX	Malignant
E10	56	M	Moderately differentiated adenocarcinoma	T4a N1b MX	Malignant
F1	52	M	Moderately differentiated adenocarcinoma	T3 N0 MX	Malignant
F2	35	M	*Duplicates of B8 Moderately differentiated adenocarcinoma	T4a N1c MX	Malignant
F3	75	M	Moderately differentiated adenocarcinoma	T3 N0 MX	Malignant
F4	57	F	Moderately differentiated adenocarcinoma	T3 N2b MX	Malignant
F5	79	F	Moderately differentiated adenocarcinoma	T3 N2b MX	Malignant
F6	58	F	Moderate to poorly-differentiated adenocarcinoma	T3 N2a MX	Malignant
F7	62	M	Mucinous adenocarcinoma	T4a N2b MX	Malignant
F8	62	F	Moderately differentiated adenocarcinoma	T3 N2b MX	Malignant
F9	88	F	Moderately differentiated adenocarcinoma of caecum	T4a N2a MX	Malignant
F10	76	M	Moderately differentiated adenocarcinoma	T3 N0 MX	Malignant
G1	48	M	*Duplicates of B10 Moderately differentiated adenocarcinoma	T3 N2 MX	Malignant
G2	50	M	Moderately differentiated adenocarcinoma	T4 N1b MX	Malignant
G3	80	M	Moderately differentiated adenocarcinoma	T3 N0 MX	Malignant
G4	80	M	Moderately differentiated adenocarcinoma	T3 N0 MX	Malignant
G5	63	M	Moderately differentiated adenocarcinoma	T4a N1b MX	Malignant
G6	59	F	*Duplicates of C3	T3 N0 MX	Malignant

			Moderately differentiated adenocarcinoma		
G7	66	M	Moderately differentiated adenocarcinoma	T4b N0 MX	Malignant
G8	75	M	Moderately differentiated adenocarcinoma	T4a N1b Mx	Malignant
G9	79	M	Moderately differentiated adenocarcinoma	T3 N0 MX	Malignant
G10	68	F	Locally advanced moderately differentiated adenocarcinoma	T4a N2b M1b	Malignant

Stage description

The American Joint Committee on Cancer (AJCC) TNM system is the frequently employed colorectal cancer staging system, and it is based on three important elements:

- The extent (size) of the tumour (T): How far has the cancer grown into the wall of the colon or rectum?
- The spread to nearby lymph nodes (N): Has the cancer spread to nearby lymph nodes?
- The spread (metastasis) to distant sites (M): Has the cancer spread to distant lymph nodes or distant organs?

Stage	TNM
0	Tis, N0, M0
I	T1 or T2, N0, M0
IIA	T3, N0, M0
IIB	T4a, N0, M0
IIC	T4b, N0, M0
IIIA	T1 / T2, N1 / N1c / N2a, M0
IIIB	T3 / T4a, N1/N1c, M0 T2 / T3, N2a, M0 T1 or T2, N2b, M0
IIIC	T4a, N2a, M0 T3 or T4a, N2b, M0 T4b, N1 / N2, M0
IVA	Any T, Any N, M1a
IVB	Any T, Any N, M1b
IVC	Any T, Any N, M1c

Tumour (T)

T1: Tumour grown through the muscularis mucosa into the submucosa

T2: Tumour has grown into the muscularis propria

T3: The tumour has grown into the outermost layers of the colon or rectum but has not gone through them

T4a: The tumour has grown through the wall of the colon or rectum

T4b: The tumour has grown into or has attached to other organs or structures.

Nodes (N)

N0 : There is no spread to regional lymph nodes.

N1a: Tumour cells found in 1 regional lymph node.

N1b: Tumour cells found in 2 or 3 regional lymph nodes.

N1c: Nodules made up of tumour cells found in the structures near the colon that do not appear to be lymph nodes.

N2a: Tumour cells found in 4 to 6 regional lymph nodes.

N2b: Tumour cells found in 7 or more regional lymph nodes.

Metastasis (M)

M0 - No distant metastasis

M1 - Distant metastasis

Mx - Distant metastasis cannot be assessed