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Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CO1801a : Colon cancer with matched colon tissue array, including pathology grade, TNM and clinical stage, 90 cases/180 cores, replacing CC

Microarray Panel	Colon carcinoma with colon tissue microarray, containing 90 cases of adenocarcinoma, and 90 cancer adjacent or adjacent normal colon tissue, duplicate cores per case	
Cores	180	
Cases	90	
Row number	10	
Column number	18	
Core Diameter (mm)	1.5	
Thickness (µm)	5	
Tissue Array Type	FFPE	
Species	Human	
Applications	Routine histology procedures including Immunohistochemistry (IHC) and In Situ Hybridization (ISH), protocols which can be found at our support page.	
Notes	1. TMA slides were sectioned and stored at 4°C and may not be fresh cut, but still suitable for IHC. Please request fresh cut if experiment involves phospho-specific antibodies, RNA studies, FISH or ISH, etc. A minimum of 3 slides per TMA must be purchased to cover the cost of trimming for fresh sectioning. 2. Most TMA slides were not coated with an extra layer of paraffin (tissue cores can be easily seen on the glass). To prevent tissue detachment during antigen retrieval, unbaked slides must be baked for at least 30 to 120 minutes at 60°C. before putting into xylene for de-paraffinization. Baked slides were sent out baked for 2 hours. In the following specsheet, “*” means invalid core; “-” means no applicable or negative in IHC markers.	

US Biomax, Inc. CO1801a (serial)		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	A	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col
	B	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col
	C	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col
	D	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col
	E	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col
	F	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col
	G	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col
	H	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col
	I	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col
	J	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col	Col

CO1801a A10

No.:10

Age:60

Sex:M

Organ/Anatomic Site:Colon

Pathology diagnosis:Adjacent normal colon tiss

TNM:-

Grade:-

Stage:-

Type:NAT

Legend:Col - Colon

- AT, - Malignant tumor, - Malignant tumor (stage I), - Malignant tumor (stage IIA), - Malignant tumor (stage IIB), - Malignant tumor (stage IIIA), - Malignant tumor (stage IIIB), - Malignant tumor (stage IIIC), - Malignant tumor (stage IVA), - NAT

, tissue IDs are available in exported Excel files.

Pos.	No.	Age	Sex	Organ/Anatomic Site	Pathology diagnosis	TNM	Grade	Stage	Type	Image
A1	1	59	M	Colon	Adenocarcinoma	T3N0M0	1	IIA	Malignant	
A2	2	59	M	Colon	Cancer adjacent colon tissue	-	-	-	AT	
A3	3	46	M	Colon	Adenocarcinoma	T2N0M0	2	I	Malignant	
A4	4	46	M	Colon	Cancer adjacent colon tissue	-	*	-	AT	
A5	5	69	F	Colon	Adenocarcinoma	T2N0M0	2	I	Malignant	
A6	6	69	F	Colon	Cancer adjacent colon tissue	-	-	-	AT	
A7	7	55	M	Colon	Adenocarcinoma	T3N0M0	2	IIA	Malignant	

A8	8	55	M	Colon	Cancer adjacent colon tissue	-	-	-	AT
A9	9	60	M	Colon	Adenocarcinoma	T2N0M0	3	I	Malignant
A10	10	60	M	Colon	Adjacent normal colon tissue	-	-	-	NAT
A11	11	64	M	Colon	Adenocarcinoma	T2N0M0	3	I	Malignant
A12	12	64	M	Colon	Adjacent normal colon tissue	-	-	-	NAT
A13	13	55	M	Colon	Adenocarcinoma	T3N0M0	3	IIA	Malignant
A14	14	55	M	Colon	Cancer adjacent colon tissue	-	-	-	AT
A15	15	60	F	Colon	Adenocarcinoma	T3N0M0	2	IIA	Malignant
A16	16	60	F	Colon	Cancer adjacent colon tissue	-	-	-	AT
A17	17	34	M	Colon	Adenocarcinoma	T3N0M0	2	IIA	Malignant
A18	18	34	M	Colon	Adjacent normal colon tissue	-	-	-	NAT
B1	19	50	M	Colon	Adenocarcinoma	T3N0M0	1	IIA	Malignant
B2	20	50	M	Colon	Adjacent normal colon tissue	-	-	-	NAT
B3	21	55	F	Colon	Adenoma	T4aN0M0	*	IIB	Malignant
B4	22	55	F	Colon	Cancer adjacent colon tissue	-	-	-	AT
B5	23	50	F	Colon	Adenocarcinoma	T3N0M0	1	IIA	Malignant
B6	24	50	F	Colon	Adjacent normal colon tissue	-	-	-	NAT
B7	25	39	F	Colon	Adenocarcinoma	T3N0M0	2	IIA	Malignant
B8	26	39	F	Colon	Adjacent normal colon tissue	-	-	-	NAT
B9	27	38	M	Colon	Adenocarcinoma	T3N0M0	2	IIA	Malignant
B10	28	38	M	Colon	Adjacent normal colon tissue	-	-	-	NAT
B11	29	50	M	Colon	Adenocarcinoma	T3N0M0	2	IIA	Malignant
B12	30	50	M	Colon	Adjacent normal colon tissue	-	-	-	NAT
B13	31	64	M	Colon	Adenocarcinoma	T2N0M0	1	I	Malignant
B14	32	64	M	Colon	Cancer adjacent colon tissue	-	-	-	AT
B15	33	58	M	Colon	Adenocarcinoma	T3N0M0	1	IIA	Malignant
B16	34	58	M	Colon	Cancer adjacent colon tissue	-	-	-	AT
B17	35	53	F	Colon	Adenocarcinoma	T3N0M0	2	IIA	Malignant
B18	36	53	F	Colon	Cancer adjacent colon tissue	-	-	-	AT
C1	37	32	M	Colon	Adenocarcinoma	T3N0M0	2	IIA	Malignant
C2	38	32	M	Colon	Cancer adjacent colon tissue	-	*	-	AT
C3	39	71	M	Colon	Adenocarcinoma	T3N0M0	2	IIA	Malignant
C4	40	71	M	Colon	Cancer adjacent colon tissue	-	-	-	AT
C5	41	65	M	Colon	Adenocarcinoma	T3N0M0	2	IIA	Malignant
C6	42	65	M	Colon	Adjacent normal colon tissue	-	-	-	NAT
C7	43	51	M	Colon	Adenocarcinoma	T3N0M0	3	IIA	Malignant
C8	44	51	M	Colon	Adjacent normal colon tissue	-	-	-	NAT
C9	45	52	M	Colon	Mucinous adenocarcinoma	T3N0M0	1	IIA	Malignant
C10	46	52	M	Colon	Adjacent normal colon tissue	-	-	-	NAT
C11	47	72	M	Colon	Adenocarcinoma	T3N0M0	2	IIA	Malignant
C12	48	72	M	Colon	Adjacent normal colon tissue	-	-	-	NAT
C13	49	65	M	Colon	Adenocarcinoma with necrosis	T3N0M0	2	IIA	Malignant
C14	50	65	M	Colon	Cancer adjacent colon tissue	-	-	-	AT
C15	51	75	F	Colon	Adenocarcinoma with necrosis	T3N0M0	2	IIA	Malignant
C16	52	75	F	Colon	Cancer adjacent colon tissue	-	-	-	AT
C17	53	65	F	Colon	Adenocarcinoma	T3N0M0	2	IIA	Malignant
C18	54	65	F	Colon	Cancer adjacent colon tissue	-	-	-	AT
D1	55	60	M	Colon	Adenocarcinoma	T3N0M0	2	IIA	Malignant
D2	56	60	M	Colon	Adjacent normal colon tissue	-	-	-	NAT
D3	57	60	M	Colon	Adenocarcinoma	T3N0M0	2	IIA	Malignant
D4	58	60	M	Colon	Adjacent normal colon tissue	-	-	-	NAT
D5	59	65	F	Colon	Adenocarcinoma	T3N0M0	2	IIA	Malignant
D6	60	65	F	Colon	Cancer adjacent colon tissue	-	-	-	AT
D7	61	51	M	Colon	Adenocarcinoma	T3N0M0	3	IIA	Malignant
D8	62	51	M	Colon	Cancer adjacent colon tissue	-	-	-	AT
D9	63	52	M	Colon	Adenocarcinoma	T3N0M0	3	IIA	Malignant
D10	64	52	M	Colon	Cancer adjacent colon tissue	-	-	-	AT
D11	65	61	M	Colon	Adenocarcinoma	T3N0M0	3	IIA	Malignant
D12	66	61	M	Colon	Cancer adjacent colon tissue	-	-	-	AT
D13	67	68	M	Colon	Adenocarcinoma	T4N0M1	3	IVA	Malignant
D14	68	68	M	Colon	Cancer adjacent colon tissue	-	-	-	AT
D15	69	58	M	Colon	Mucinous adenocarcinoma	T3N0M0	3	IIA	Malignant
D16	70	58	M	Colon	Cancer adjacent colon tissue	-	-	-	AT
D17	71	44	F	Colon	Mucinous adenocarcinoma	T3N0M0	3	IIA	Malignant
D18	72	44	F	Colon	Adjacent normal colon tissue (sparse)	-	-	-	NAT
E1	73	40	F	Colon	Adenocarcinoma	T4aN0M0	2	IIB	Malignant

E2	74	40	F	Colon	Cancer adjacent colon tissue	-	-	-	AT
E3	75	61	M	Colon	Adenocarcinoma	T4aN0M0	2	IIB	Malignant
E4	76	61	M	Colon	Cancer adjacent colon tissue	-	-	-	AT
E5	77	43	M	Colon	Adenocarcinoma	T4aN0M0	1	IIB	Malignant
E6	78	43	M	Colon	Adjacent normal colon tissue	-	-	-	NAT
E7	79	59	M	Colon	Adenocarcinoma	T3N0M0	1	IIA	Malignant
E8	80	59	M	Colon	Adjacent normal colon tissue	-	-	-	NAT
E9	81	37	F	Colon	Adenocarcinoma	T4N2M0	*	IIIB	Malignant
E10	82	37	F	Colon	Cancer adjacent colon tissue	-	-	-	AT
E11	83	41	M	Colon	Adenocarcinoma	T4aN0M0	*	IIB	Malignant
E12	84	41	M	Colon	Adjacent normal colon tissue	-	-	-	NAT
E13	85	74	M	Colon	Adenocarcinoma	T4aN0M0	2	IIB	Malignant
E14	86	74	M	Colon	Adjacent normal colon tissue	-	-	-	NAT
E15	87	54	F	Colon	Adenocarcinoma	T4aN0M0	3	IIB	Malignant
E16	88	54	F	Colon	Cancer adjacent colon tissue	-	-	-	AT
E17	89	64	M	Colon	Adenocarcinoma	T3N1M0	2	IIIB	Malignant
E18	90	64	M	Colon	Cancer adjacent colon tissue	-	-	-	AT
F1	91	68	M	Colon	Adenocarcinoma	T4aN0M0	2	IIB	Malignant
F2	92	68	M	Colon	Adjacent normal colon tissue	-	-	-	NAT
F3	93	82	M	Colon	Adenocarcinoma	T3N0M0	3	IIA	Malignant
F4	94	82	M	Colon	Adjacent normal colon tissue	-	-	-	NAT
F5	95	28	F	Colon	Adenocarcinoma (sparse)	T2N1M0	1	IIIA	Malignant
F6	96	28	F	Colon	Adjacent normal colon tissue	-	-	-	NAT
F7	97	56	F	Colon	Adenocarcinoma	T2N1M0	3	IIIA	Malignant
F8	98	56	F	Colon	Adjacent normal colon tissue	-	-	-	NAT
F9	99	67	F	Colon	Adenocarcinoma	T3N1M0	1	IIIB	Malignant
F10	100	67	F	Colon	Cancer adjacent colon tissue	-	-	-	AT
F11	101	70	M	Colon	Adenocarcinoma	T3N1M0	2	IIIB	Malignant
F12	102	70	M	Colon	Adjacent normal colon tissue	-	-	-	NAT
F13	103	58	M	Colon	Adenocarcinoma	T3N1M0	3	IIIB	Malignant
F14	104	58	M	Colon	Cancer adjacent colon tissue	-	*	-	AT
F15	105	38	M	Colon	Adenocarcinoma	T3N1M0	2	IIIB	Malignant
F16	106	38	M	Colon	Cancer adjacent colon tissue	-	-	-	AT
F17	107	55	F	Colon	Adenocarcinoma	T3N1M0	2	IIIB	Malignant
F18	108	55	F	Colon	Cancer adjacent colon tissue	-	-	-	AT
G1	109	71	F	Colon	Adenocarcinoma	T3N1M0	2	IIIB	Malignant
G2	110	71	F	Colon	Cancer adjacent colon tissue	-	-	-	AT
G3	111	37	F	Colon	Adenocarcinoma	T3N1M0	2	IIIB	Malignant
G4	112	37	F	Colon	Cancer adjacent colon tissue	-	*	-	AT
G5	113	78	F	Colon	Adenocarcinoma	T3N1M0	*	IIIB	Malignant
G6	114	78	F	Colon	Cancer adjacent colon tissue	-	-	-	AT
G7	115	79	M	Colon	Adenocarcinoma	T3N1M0	2	IIIB	Malignant
G8	116	79	M	Colon	Adjacent normal colon tissue	-	-	-	NAT
G9	117	43	M	Colon	Adenocarcinoma	T3N1M0	3	IIIB	Malignant
G10	118	43	M	Colon	Cancer adjacent colon tissue	-	-	-	AT
G11	119	38	F	Colon	Adenocarcinoma	T3N1M0	2	IIIB	Malignant
G12	120	38	F	Colon	Cancer adjacent colon tissue	-	-	-	AT
G13	121	50	M	Colon	Mucinous adenocarcinoma	T3N1M0	1	IIIB	Malignant
G14	122	50	M	Colon	Cancer adjacent colon tissue	-	*	-	AT
G15	123	91	M	Colon	Mucinous adenocarcinoma	T3N1M0	2	IIIB	Malignant
G16	124	91	M	Colon	Cancer adjacent colon tissue	-	-	-	AT
G17	125	68	F	Colon	Mucinous adenocarcinoma	T3N1M0	2	IIIB	Malignant
G18	126	68	F	Colon	Cancer adjacent colon tissue (sparse)	-	-	-	AT
H1	127	79	F	Colon	Mucinous adenocarcinoma	T3N1M0	1	IIIB	Malignant
H2	128	79	F	Colon	Cancer adjacent colon tissue	-	-	-	AT
H3	129	36	M	Colon	Adenocarcinoma	T3N1M0	2	IIIB	Malignant
H4	130	36	M	Colon	Cancer adjacent colon tissue	-	-	-	AT
H5	131	64	F	Colon	Adenocarcinoma	T4aN1M0	2	IIIB	Malignant
H6	132	64	F	Colon	Cancer adjacent colon tissue	-	-	-	AT
H7	133	74	M	Colon	Adenocarcinoma	T3N1M0	3	IIIB	Malignant
H8	134	74	M	Colon	Cancer adjacent colon tissue	-	-	-	AT
H9	135	38	M	Colon	Adenocarcinoma	T3N1M0	3	IIIB	Malignant
H10	136	38	M	Colon	Adjacent normal colon tissue	-	-	-	NAT
H11	137	52	F	Colon	Adenocarcinoma	T3N1M0	3	IIIB	Malignant
H12	138	52	F	Colon	Adjacent normal colon tissue	-	-	-	NAT
H13	139	62	F	Colon	Adenocarcinoma	T3N1M0	2	IIIB	Malignant

H14	140	62	F	Colon	Cancer adjacent colon tissue	-	*	-	AT	
H15	141	63	F	Colon	Adenocarcinoma	T3N1M0	3	IIIB	Malignant	
H16	142	63	F	Colon	Adjacent normal colon tissue	-	-	-	NAT	
H17	143	34	M	Colon	Adenocarcinoma	T3N1M0	3	IIIB	Malignant	
H18	144	34	M	Colon	Cancer adjacent colon tissue	-	*	-	AT	
I1	145	30	M	Colon	Adenocarcinoma	T3N1M0	3	IIIB	Malignant	
I2	146	30	M	Colon	Adjacent normal colon tissue	-	-	-	NAT	
I3	147	65	M	Colon	Adenocarcinoma	T3N1M0	3	IIIB	Malignant	
I4	148	65	M	Colon	Cancer adjacent colon tissue	-	-	-	AT	
I5	149	77	M	Colon	Adenocarcinoma	T3N1M0	3	IIIB	Malignant	
I6	150	77	M	Colon	Adjacent normal colon tissue	-	-	-	NAT	
I7	151	62	M	Colon	Adenocarcinoma	T3N1M0	4	IIB	Malignant	
I8	152	62	M	Colon	Adjacent normal colon tissue	-	-	-	NAT	
I9	153	60	F	Colon	Adenocarcinoma	T3N1M0	4	IIIB	Malignant	
I10	154	60	F	Colon	Cancer adjacent colon tissue	-	-	-	AT	
I11	155	60	M	Colon	Adenocarcinoma	T3N1M0	4	IIIB	Malignant	
I12	156	60	M	Colon	Adjacent normal colon tissue	-	-	-	NAT	
I13	157	60	F	Colon	Adenocarcinoma	T4N1M0	2	IIIB	Malignant	
I14	158	60	F	Colon	Adjacent normal colon tissue	-	-	-	NAT	
I15	159	62	F	Colon	Adenocarcinoma	T4N1M0	2	IIIB	Malignant	
I16	160	62	F	Colon	Adjacent normal colon tissue	-	-	-	NAT	
I17	161	40	M	Colon	Adenocarcinoma	T4N1M0	*	IIIB	Malignant	
I18	162	40	M	Colon	Adjacent normal colon tissue	-	-	-	NAT	
J1	163	35	M	Colon	Adenocarcinoma	T4N1M0	2	IIIB	Malignant	
J2	164	35	M	Colon	Cancer adjacent colon tissue	-	-	-	AT	
J3	165	38	M	Colon	Adenocarcinoma	T4N1M0	3	IIIB	Malignant	
J4	166	38	M	Colon	Cancer adjacent colon tissue	-	-	-	AT	
J5	167	73	F	Colon	Adenocarcinoma	T4N1M0	3	IIIB	Malignant	
J6	168	73	F	Colon	Cancer adjacent colon tissue	-	*	-	AT	
J7	169	61	M	Colon	Adenocarcinoma	T3N2bM0	2	IIIC	Malignant	
J8	170	61	M	Colon	Adjacent normal colon tissue	-	-	-	NAT	
J9	171	60	F	Colon	Mucinous adenocarcinoma	T3N1M0	3	IIIB	Malignant	
J10	172	60	F	Colon	Cancer adjacent colon tissue	-	-	-	AT	
J11	173	71	M	Colon	Adenocarcinoma	T4aN2M0	2	IIIC	Malignant	
J12	174	71	M	Colon	Cancer adjacent colon tissue	-	-	-	AT	
J13	175	50	M	Colon	Adenocarcinoma	T4bN1M0	2	IIIB	Malignant	
J14	176	50	M	Colon	Cancer adjacent colon tissue	-	-	-	AT	
J15	177	44	F	Colon	Adenocarcinoma	T3N2M1	2	IVA	Malignant	
J16	178	44	F	Colon	Adjacent normal colon tissue	-	-	-	NAT	
J17	179	51	F	Colon	Adenocarcinoma	T4N0M1	2	IVA	Malignant	
J18	180	51	F	Colon	Cancer adjacent colon tissue	-	-	-	AT	
-	0	42	M	Adrenal gland	Pheochromocytoma (tissue marker)		-		Malignant	

TNM grading:

T - Primary tumor

Tx - Primary tumor cannot be assessed

T0 - No evidence of primary tumor

Tis - Carcinoma in situ; intraepithelial or invasion of lamina propria

T1 - Tumor invades submucosa

T2 - Tumor invades muscularis propria

T3 - Tumor invades through muscularis propria into subserosa or into non-peritonealized pericolic or perirectal tissues.

T4 - Tumor directly invades other organs or structures and/or perforate visceral peritoneum

N - Regional lymph nodes

Nx - Regional lymph nodes cannot be assessed

N0 - No regional lymph node metastasis

N1 - Metastasis in 1 to 3 regional lymph nodes

N2 - Metastasis in 4 or more regional lymph nodes

M - Distant metastasis

Mx - Distant metastasis cannot be assessed

M0 - No distant metastasis

M1 - Distant metastasis

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