



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



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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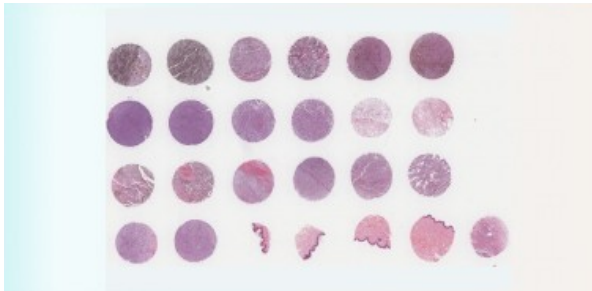
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


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ME241b : Multiple malignant melanoma tissue array with adjacent normal skin tissue, including TNM and clinical stage, 12 cases/24 cores, replacing ME241a

Microarray Panel	Multiple malignant melanoma tissue microarray with adjacent normal skin tissue, containing 10 cases of malignant melanoma, plus 2 adjacent normal skin tissue, duplicate cores per case	
Cores	24	ME241b H&E 
Cases	12	
Row number	4	
Column number	6	
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	<p>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.</p> <p>In the following specsheets, “**” means invalid core; “-” means no applicable or negative in IHC markers.</p>	

	1	2	3	4	5	6
A	Eso	Eso	Ski	Ski	Pa	Pa
B	Rec	Rec	Rec	Rec	Anu	Anu
C	Rec	Rec	Rec	Rec	Rec	Rec
D	Rec	Rec	Ski	Ski	Ski	Ski

Legend: Pa - Parotid gland, Anu - Anus, Eso - Esophagus, Rec - Rectum, Ski - Skin
 ● - Malignant tumor, ● - Malignant tumor, ● - Malignant tumor (stage II), ● - NAT

Pos.	No.	Age	Sex	Organ/Anatomic Site	Pathology diagnosis	TNM	Grade	Stage	Type	Image
A1	1	50	M	Esophagus	Malignant melanoma of esophagus	-		-	Malignant	
A2	2	50	M	Esophagus	Malignant melanoma of esophagus	-		-	Malignant	
A3	3	62	F	Skin	Malignant melanoma of right thumb	T4N0M0		II	Malignant	
A4	4	62	F	Skin	Malignant melanoma of right thumb	T4N0M0		II	Malignant	
A5	5	70	F	Parotid gland	Malignant melanoma of parotid gland	T4N0M0		II	Malignant	
A6	6	70	F	Parotid gland	Malignant melanoma of parotid gland	T4N0M0		II	Malignant	
B1	7	57	M	Rectum	Malignant melanoma of rectum	-		-	Malignant	
B2	8	57	M	Rectum	Malignant melanoma of rectum	-		-	Malignant	
B3	9	67	F	Rectum	Malignant melanoma of rectum	-		-	Malignant	
B4	10	67	F	Rectum	Malignant melanoma of rectum	-		-	Malignant	
B5	11	70	F	Anus	Malignant melanoma of anus (sparse)	T4N0M0		II	Malignant	
B6	12	70	F	Anus	Malignant melanoma of anus (cataplasia tissue)	T4N0M0		II	Malignant	
C1	13	66	M	Rectum	Malignant melanoma of rectum	-		-	Malignant	
C2	14	66	M	Rectum	Malignant melanoma of rectum	-		-	Malignant	
C3	15	54	F	Rectum	Malignant melanoma of rectum	-		-	Malignant	
C4	16	54	F	Rectum	Malignant melanoma of rectum	-		-	Malignant	
C5	17	82	F	Rectum	Malignant melanoma of rectum	-		-	Malignant	
C6	18	82	F	Rectum	Malignant melanoma of rectum	-		-	Malignant	
D1	19	52	F	Rectum	Malignant melanoma of rectum	-		-	Malignant	
D2	20	52	F	Rectum	Malignant melanoma of rectum	-		-	Malignant	
D3	21	49	F	Skin	Cancer adjacent normal chest skin tissue	-		-	NAT	
D4	22	49	F	Skin	Cancer adjacent normal chest skin tissue	-		-	NAT	
D5	23	50	F	Skin	Cancer adjacent normal skin tissue	-		-	NAT	
D6	24	50	F	Skin	Cancer adjacent normal skin tissue	-		-	NAT	

-	0	42	M	Adrenal gland	Pheochromocytoma (tissue marker)	-	Malignant
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AJCC-TNM classification for mucosal melanoma of the head and neck

T3 Mucosal disease

Primary Tumour	
T3	Mucosal disease
T4a	Moderately advanced disease. Tumour involving deep soft tissue, cartilage, one, or overlying skin.
T4b	Very advanced disease. Tumour involving brain, dura, skull base, lower cranial nerves (IX, X, XI, XII), masticator space, carotid artery, prevertebral space or mediastinal structures
Regional lymph nodes	
NX	Regional lymph nodes cannot be assessed
N0	No regional lymph node metastases
N1	Regional lymph node metastases present

Clinical stage

Stage III	T3	N0	M0
Stage IVA	T4a	N0	M0
	T3-T4a	N1	M0
Stage IVB	T4b	Any N	M0
Stage IVC	Any T	Any N	M1

Vulvovaginal mucosal melanoma

Vulval melanomas are staged using the same AJCC-TNM classification as the table above. There is no staging system for vaginal melanoma, so a simplified clinical staging system can be used to categorise these melanomas.

Vaginal melanoma

Stage I	Clinically localized disease
Stage II	Regional nodal involvement
Stage III	Distant metastatic involvement

Anorectal mucosal melanoma

Anorectal mucosal melanoma is staged using the same simplified staging system as vaginal melanoma.

Anorectal mucosal melanoma

Stage I	Clinically localized disease
Stage II	Regional nodal involvement
Stage III	Distant metastatic involvement

Melanoma of the skins

Primary tumor (T)

- * TX: Primary tumor cannot be assessed (e.g., shave biopsy or regressed melanoma)
- * T0: No evidence of primary tumor
- * Tis: Melanoma in situ
- * T1: Tumor 1.0 mm or less in thickness with or without ulceration
 - * T1a: Tumor 1.0 mm or less in thickness and Clarks level II or III, no ulceration
 - * T1b: Tumor 1.0 mm or less in thickness and Clarks level IV or V or with ulceration
- * T2: Tumor more than 1.0 mm but not more than 2.0 mm in thickness with or without ulceration
 - * T2a: Tumor more than 1.0 mm but not more than 2.0 mm in thickness, no ulceration
 - * T2b: Tumor more than 1.0 mm but not more than 2.0 mm in thickness, with ulceration
- * T3: Tumor more than 2.0 mm but not more than 4 mm in thickness with or without ulceration
 - * T3a: Tumor more than 2.0 mm but not more than 4 mm in thickness, no ulceration
 - * T3b: Tumor more than 2.0 mm but not more than 4 mm in thickness, with ulceration
- * T4: Tumor more than 4.0 mm in thickness with or without ulceration
 - * T4a: Tumor more than 4.0 mm in thickness, no ulceration
 - * T4b: Tumor more than 4.0 mm in thickness, with ulceration

Regional lymph nodes (N)

- * NX: Regional lymph nodes cannot be assessed
- * N0: No regional lymph node metastasis
- * N1: Metastasis to 1 lymph node
 - * N1a: Clinically occult (microscopic) metastasis
 - * N1b: Clinically apparent (macroscopic) metastasis
- * N2: Metastasis to 2 or 3 regional nodes or intralymphatic regional metastasis without nodal metastases
 - * N2a: Clinically occult (microscopic) metastasis
 - * N2b: Clinically apparent (macroscopic) metastasis
 - * N2c: Satellite or in transit metastasis without nodal metastasis
- * N3: Metastasis in 4 or more regional nodes, or matted lymph nodes, or in transit metastasis or satellite(s) with metastatic regional node(s)

Note: Micrometastases are diagnosed after elective or sentinel lymphadenectomy; macrometastases are defined as clinically detectable lymph nodes metastases confirmed by therapeutic lymphadenectomy, or when any lymph node metastasis exhibits gross extracapsular extension.

Distant Metastasis (M)

- * MX: Distant metastasis cannot be assessed
- * M0: No distant metastasis
- * M1: Distant metastasis

* M1a: Metastasis to skin, subcutaneous tissues, or distant lymph nodes

* M1b: Metastasis to lung

* M1c: Metastasis to all other visceral sites or distant metastasis at any site associated with an elevated serum lactic dehydrogenase (LDH)

Stage Groupings

Stage 0

Tis, N0, M0

Stage IA

T1a, N0, M0

Stage IB

T1b, N0, M0

T2a, N0, M0

Stage IIA

T2b, N0, M0

T3a, N0, M0

Stage IIB

T3b, N0, M0

T4a, N0, M0

Stage IIC

T4b, N0, M0

Stage III

Any T, N1, M0

Any T, N2, M0

Any T, N3, M0

Stage IV

Any T, any N, M1

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