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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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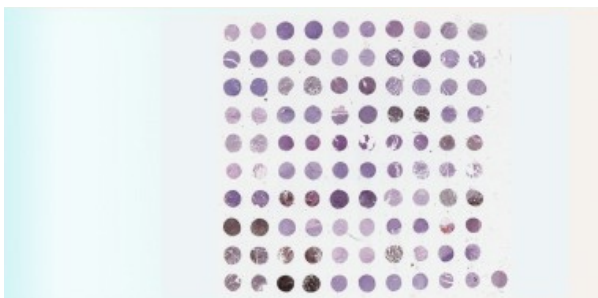
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BCC38218 : Metastatic malignant melanoma tissue array, 50 cases/100 cores

Microarray Panel	Metastatic malignant melanoma tissue microarray, duplicate cores per case	
Cores	100	BCC38218 H&E 
Cases	50	
Row number	10	
Column number	10	
Core Diameter (mm)	1	
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.	

Mouseover and click individual cores to view high resolution images.

	1	2	3	4	5	6	7	8	9	10
A	Med	Med	Lym	Lym	Lym	Lym	Lym	Lym	Lym	Lym
B	Lym	Lym	Lym	Lym	Lym	Lym	Lym	Lym	Lym	Lym
C	Lym	Lym	Lym	Lym	Lym	Lym	Lym	Lym	Lym	Lym
D	Kid	Kid	Lym	Lym	Lym	Lym	Lym	Lym	Lym	Lym
E	Lym	Lym	Lym	Lym	Lym	Lym	Lym	Lym	Lym	Lym
F	Lym	Lym	Lym	Lym	Lym	Lym	Lym	Lym	Lym	Lym
G	Lym	Lym	Spl	Spl	Ski	Ski	Ski	Ski	Ski	Ski
H	Ski	Ski	Ski	Ski	Bon	Bon	Cer	Cer	Ner	Ner
I	Adi	Adi	Ski	Ski	Ski	Ski	Sof	Sof	Sof	Sof
J	Sof	Sof	Sof	Sof	Sof	Sof	Sof	Sof	Sof	Adr

Legend: Adi - Adipose tissue, Bon - Bone, Cer - Cerebrum, Kid - Kidney, Lym - Lymph node, Med - Mediastinum, Ner - Nerve, Ski - Skin, Sof - Soft tissue, Spl - Spleen

● - Malignant tumor, ● - Malignant tumor

, tissue IDs are available in exported Excel files.

Pos.	No.	Age	Sex	Organ/Anatomic Site	Pathology diagnosis	TNM	Grade	Stage	Type	Image
A1	1	48	F	Mediastinum	Metastatic malignant melanoma	-		-	malignant	
A2	2	48	F	Mediastinum	Metastatic malignant melanoma	-		-	malignant	
A3	3	46	M	Lymph node	Metastatic malignant melanoma from right groin	-		-	malignant	
A4	4	46	M	Lymph node	Metastatic malignant melanoma from right groin	-		-	malignant	
A5	5	44	M	Lymph node	Metastatic malignant melanoma from right outer	-		-	malignant	
A6	6	44	M	Lymph node	Metastatic malignant melanoma from right outer	-		-	malignant	
A7	7	40	F	Lymph node	Metastatic malignant melanoma from right groin	-		-	malignant	
A8	8	40	F	Lymph node	Metastatic malignant melanoma from right groin	-		-	malignant	
A9	9	70	M	Lymph node	Metastatic malignant melanoma from axillary fossa	-		-	malignant	
A10	10	70	M	Lymph node	Metastatic malignant melanoma from axillary fossa	-		-	malignant	

B1	11	68	M	Lymph node	Metastatic malignant melanoma from neck	-	-	malignant	
B2	12	68	M	Lymph node	Metastatic malignant melanoma from neck	-	-	malignant	
B3	13	61	F	Lymph node	Metastatic malignant melanoma from right groin	-	-	malignant	
B4	14	61	F	Lymph node	Metastatic malignant melanoma from right groin	-	-	malignant	
B5	15	43	F	Lymph node	Metastatic malignant melanoma from groin	-	-	malignant	
B6	16	43	F	Lymph node	Metastatic malignant melanoma from groin	-	-	malignant	
B7	17	56	F	Lymph node	Metastatic malignant melanoma from groin	-	-	malignant	
B8	18	56	F	Lymph node	Metastatic malignant melanoma from groin	-	-	malignant	
B9	19	49	F	Lymph node	Metastatic malignant melanoma from neck	-	-	malignant	
B10	20	49	F	Lymph node	Metastatic malignant melanoma from neck	-	-	malignant	
C1	21	49	M	Lymph node	Metastatic malignant melanoma from left oxt	-	-	malignant	
C2	22	49	M	Lymph node	Metastatic malignant melanoma from left oxt	-	-	malignant	
C3	23	45	M	Lymph node	Metastatic malignant melanoma from right oxt	-	-	malignant	
C4	24	45	M	Lymph node	Metastatic malignant melanoma from right oxt	-	-	malignant	
C5	25	31	F	Lymph node	Metastatic malignant melanoma from neck	-	-	malignant	
C6	26	31	F	Lymph node	Metastatic malignant melanoma from neck	-	-	malignant	
C7	27	68	F	Lymph node	Metastatic malignant melanoma from right groin	-	-	malignant	
C8	28	68	F	Lymph node	Metastatic malignant melanoma from right groin	-	-	malignant	
C9	29	63	F	Lymph node	Metastatic malignant melanoma from right groin	-	-	malignant	
C10	30	63	F	Lymph node	Metastatic malignant melanoma from right groin	-	-	malignant	
D1	31	40	M	Kidney	Metastatic malignant melanoma	-	-	malignant	
D2	32	40	M	Kidney	Metastatic malignant melanoma	-	-	malignant	
D3	33	52	M	Lymph node	Metastatic malignant melanoma from left groin	-	-	malignant	
D4	34	52	M	Lymph node	Metastatic malignant melanoma from left groin	-	-	malignant	
D5	35	68	F	Lymph node	Metastatic malignant melanoma from left groin	-	-	malignant	
D6	36	68	F	Lymph node	Metastatic malignant melanoma from left groin	-	-	malignant	
D7	37	55	M	Lymph node	Metastatic malignant melanoma from left thigh	-	-	malignant	
D8	38	55	M	Lymph node	Metastatic malignant melanoma from left thigh	-	-	malignant	
D9	39	58	F	Lymph node	Metastatic malignant melanoma from left groin	-	-	malignant	
D10	40	58	F	Lymph node	Metastatic malignant melanoma from left groin	-	-	malignant	
E1	41	38	F	Lymph node	Metastatic malignant melanoma from right groin	-	-	malignant	
E2	42	38	F	Lymph node	Metastatic malignant melanoma from right groin	-	-	malignant	
E3	43	57	M	Lymph node	Metastatic malignant melanoma from neck	-	-	malignant	
E4	44	57	M	Lymph node	Metastatic malignant melanoma from neck	-	-	malignant	
E5	45	70	M	Lymph node	Metastatic malignant melanoma from groin	-	-	malignant	
E6	46	70	M	Lymph node	Metastatic malignant melanoma from groin	-	-	malignant	
E7	47	49	M	Lymph node	Metastatic malignant melanoma from neck	-	-	malignant	
E8	48	49	M	Lymph node	Metastatic malignant melanoma from neck	-	-	malignant	
E9	49	46	F	Lymph node	Metastatic malignant melanoma from right neck	-	-	malignant	
E10	50	46	F	Lymph node	Metastatic malignant melanoma from right neck	-	-	malignant	
F1	51	60	F	Lymph node	Metastatic malignant melanoma from right groin (sparse)	-	-	malignant	
F2	52	60	F	Lymph node	Metastatic malignant melanoma (fibrofatty tissue)	-	-	malignant	
F3	53	45	F	Lymph node	Metastatic malignant melanoma from clavicle	-	-	malignant	
F4	54	45	F	Lymph node	Metastatic malignant melanoma from clavicle	-	-	malignant	
F5	55	57	F	Lymph node	Metastatic malignant melanoma from right groin	-	-	malignant	

F6	56	57	F	Lymph node	Metastatic malignant melanoma from right groin	-	-	malignant
F7	57	53	F	Lymph node	Metastatic malignant melanoma from left groin	-	-	malignant
F8	58	53	F	Lymph node	Metastatic malignant melanoma from left groin	-	-	malignant
F9	59	73	M	Lymph node	Metastatic malignant melanoma from groin	-	-	malignant
F10	60	73	M	Lymph node	Metastatic malignant melanoma from groin	-	-	malignant
G1	61	62	M	Lymph node	Metastatic malignant melanoma from left groin	-	-	malignant
G2	62	62	M	Lymph node	Metastatic malignant melanoma from left groin	-	-	malignant
G3	63	45	F	Spleen	Metastatic malignant melanoma	-	-	malignant
G4	64	45	F	Spleen	Metastatic malignant melanoma	-	-	malignant
G5	65	38	F	Skin	Metastatic malignant melanoma from left arm	-	-	malignant
G6	66	38	F	Skin	Metastatic malignant melanoma from left arm	-	-	malignant
G7	67	49	M	Skin	Metastatic malignant melanoma with necrosis from left groin	-	-	malignant
G8	68	49	M	Skin	Metastatic malignant melanoma with necrosis from left groin	-	-	malignant
G9	69	58	M	Skin	Metastatic malignant melanoma from left groin	-	-	malignant
G10	70	58	M	Skin	Metastatic malignant melanoma from left groin	-	-	malignant
H1	71	54	M	Skin	Metastatic malignant melanoma	-	-	malignant
H2	72	54	M	Skin	Metastatic malignant melanoma	-	-	malignant
H3	73	38	M	Skin	Metastatic malignant melanoma from outer	-	-	malignant
H4	74	38	M	Skin	Metastatic malignant melanoma from outer	-	-	malignant
H5	75	39	M	Bone	Metastatic malignant melanoma from left femur	-	-	malignant
H6	76	39	M	Bone	Metastatic malignant melanoma from left femur	-	-	malignant
H7	77	55	F	Cerebrum	Metastatic malignant melanoma from right occipital lobe	-	-	malignant
H8	78	55	F	Cerebrum	Metastatic malignant melanoma from right occipital lobe	-	-	malignant
H9	79	45	F	Nerve	Metastatic malignant melanoma of fibrofatty tissue from groin	-	-	malignant
H10	80	45	F	Nerve	Metastatic malignant melanoma of fibrofatty tissue from groin	-	-	malignant
I1	81	63	M	Adipose tissue	Metastatic malignant melanoma from right neck	-	-	malignant
I2	82	63	M	Adipose tissue	Metastatic malignant melanoma from right neck	-	-	malignant
I3	83	72	M	Skin	Metastatic malignant melanoma from right groin	-	-	malignant
I4	84	72	M	Skin	Metastatic malignant melanoma from right groin	-	-	malignant
I5	85	62	M	Skin	Metastatic malignant melanoma from left neck	-	-	malignant
I6	86	62	M	Skin	Metastatic malignant melanoma from left neck	-	-	malignant
I7	87	35	F	Soft tissue	Metastatic malignant melanoma from left outer	-	-	malignant
I8	88	35	F	Soft tissue	Metastatic malignant melanoma (blood vessel fatty tissue)	-	-	malignant
I9	89	61	F	Soft tissue	Metastatic malignant melanoma from right medial surface of thigh	-	-	malignant
I10	90	61	F	Soft tissue	Metastatic malignant melanoma from right medial surface of thigh	-	-	malignant
J1	91	41	F	Soft tissue	Metastatic malignant melanoma from groin	-	-	malignant
J2	92	41	F	Soft tissue	Metastatic malignant melanoma from groin	-	-	malignant
J3	93	72	F	Soft tissue	Metastatic malignant melanoma from left groin	-	-	malignant
J4	94	72	F	Soft tissue	Metastatic malignant melanoma from left groin	-	-	malignant
J5	95	41	F	Soft tissue	Metastatic malignant melanoma from left groin	-	-	malignant
J6	96	41	F	Soft tissue	Metastatic malignant melanoma from left groin	-	-	malignant
J7	97	80	F	Soft tissue	Metastatic malignant melanoma from right armpit	-	-	malignant

J8	98	80	F	Soft tissue	Metastatic malignant melanoma from right armpit	-	-	malignant
J9	99	62	M	Soft tissue	Metastatic malignant melanoma from groin	-	-	malignant
J10	100	62	M	Soft tissue	Metastatic malignant melanoma from groin	-	-	malignant
-	0	42	M	Adrenal gland	Pheochromocytoma (tissue marker)	-	-	Malignant

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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