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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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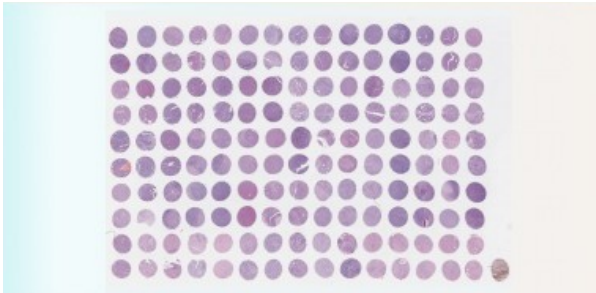
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LV1502 : Liver cancer tissue array, including TNM, clinical stage and pathology grade, 75 cases/150 cores

Microarray Panel	Hepatic hepatocellular carcinoma tissue microarray, containing 62 cases of liver hepatocellular carcinoma, 1 liver combined hepatocellular and cholangiocarcinoma, 7 liver bile duct adenocarcinoma, plus 3 liver cirrhosis and 2 normal liver tissue, duplicate cores per case (duplicate cores from the same patient were put onto two rows in the same position)	
Cores	150	<p style="text-align: center;">LV1502 H&E</p> 
Cases	75	
Row number	10	
Column number	15	
Core Diameter (mm)	1	
Thickness (µm)	5	
QA/QC	Anti-Actin confirmed	
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 deparaffinization. Baked slides were sent out baked for 2 hours.</p> <p>In the following specsheet, "*" means invalid core; "-" means no applicable or negative in IHC markers.</p>	

US Biomax, Inc. LV1502 (serial)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
	A	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv
	B	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv
	C	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv
	D	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv
	E	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv
	F	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv
	G	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv
	H	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv
	I	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv
	J	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv

LV1502 I15
 No.:135
 Age:35
 Sex:M
 Organ/Anatomic Site:Liver
 Pathology diagnosis:Normal liver tiss
 TNM:-
 Grade:-
 Stage:-
 Type:normal

Legend: Liv - Liver

● - Cirrhosis, ● - Malignant tumor, ○ - Malignant tumor (stage I), ● - Malignant tumor (stage II), ● - Malignant tumor (stage III), ● - Normal tissue

Pos.	No.	Age	Sex	Organ/Anatomic Site	Pathology diagnosis	TNM	Grade	Stage	Type	Image
A1	1	68	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant	
A2	2	63	M	Liver	Hepatocellular carcinoma	T2N0M0	1	II	malignant	
A3	3	36	M	Liver	Hepatocellular carcinoma (liver tissue)	T1N0M0	-	I	malignant	
A4	4	35	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant	
A5	5	55	M	Liver	Hepatocellular carcinoma	T2N0M0	1	II	malignant	
A6	6	62	M	Liver	Hepatocellular carcinoma	T1N0M0	2	I	malignant	
A7	7	65	M	Liver	Hepatocellular carcinoma	T2N0M0	2	II	malignant	
A8	8	43	M	Liver	Hepatocellular carcinoma	T3N0M0	1	III	malignant	
A9	9	57	M	Liver	Hepatocellular carcinoma	T3N0M0	1	III	malignant	
A10	10	28	M	Liver	Hepatocellular carcinoma	T1N0M0	2	I	malignant	
A11	11	48	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant	
A12	12	56	F	Liver	Hepatocellular carcinoma	T2N0M0	3	II	malignant	
A13	13	42	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant	
A14	14	37	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant	
A15	15	49	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant	

B1	16	68	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
B2	17	63	M	Liver	Hepatocellular carcinoma	T2N0M0	1	II	malignant
B3	18	36	M	Liver	Hepatocellular carcinoma (sparse)	T1N0M0	-	I	malignant
B4	19	35	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
B5	20	55	M	Liver	Hepatocellular carcinoma	T2N0M0	1	II	malignant
B6	21	62	M	Liver	Hepatocellular carcinoma	T1N0M0	2	I	malignant
B7	22	65	M	Liver	Hepatocellular carcinoma	T2N0M0	2	II	malignant
B8	23	43	M	Liver	Hepatocellular carcinoma	T3N0M0	1	III	malignant
B9	24	57	M	Liver	Hepatocellular carcinoma	T3N0M0	1	III	malignant
B10	25	28	M	Liver	Hepatocellular carcinoma	T1N0M0	2	I	malignant
B11	26	48	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
B12	27	56	F	Liver	Hepatocellular carcinoma	T2N0M0	3	II	malignant
B13	28	42	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
B14	29	37	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
B15	30	49	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
C1	31	23	F	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
C2	32	43	M	Liver	Hepatocellular carcinoma	T2N0M0	2	II	malignant
C3	33	49	M	Liver	Hepatocellular carcinoma	T2N0M0	1	II	malignant
C4	34	52	F	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
C5	35	41	M	Liver	Hepatocellular carcinoma	T2N0M0	2	II	malignant
C6	36	54	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
C7	37	43	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
C8	38	63	F	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
C9	39	49	M	Liver	Hepatocellular carcinoma	T3N0M0	3	III	malignant
C10	40	49	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
C11	41	35	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
C12	42	50	M	Liver	Hepatocellular carcinoma	T2N0M0	3	II	malignant
C13	43	52	F	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
C14	44	43	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
C15	45	46	F	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
D1	46	23	F	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
D2	47	43	M	Liver	Hepatocellular carcinoma	T2N0M0	2	II	malignant
D3	48	49	M	Liver	Hepatocellular carcinoma	T2N0M0	1	II	malignant
D4	49	52	F	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
D5	50	41	M	Liver	Hepatocellular carcinoma	T2N0M0	2	II	malignant
D6	51	54	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
D7	52	43	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
D8	53	63	F	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
D9	54	49	M	Liver	Hepatocellular carcinoma (sparse)	T3N0M0	3	III	malignant
D10	55	49	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
D11	56	35	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
D12	57	50	M	Liver	Hepatocellular carcinoma	T2N0M0	3	II	malignant
D13	58	52	F	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
D14	59	43	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
D15	60	46	F	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
E1	61	46	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
E2	62	46	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
E3	63	65	F	Liver	Hepatocellular carcinoma	T2N0M0	2	II	malignant
E4	64	49	M	Liver	Hepatocellular carcinoma	T2N0M0	2	II	malignant
E5	65	62	F	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
E6	66	47	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
E7	67	61	M	Liver	Hepatocellular carcinoma	T2N0M0	1	II	malignant
E8	68	42	M	Liver	Hepatocellular carcinoma	T2N0M0	3	II	malignant
E9	69	33	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
E10	70	63	M	Liver	Hepatocellular carcinoma	T2N0M0	1	II	malignant
E11	71	50	F	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
E12	72	54	M	Liver	Hepatocellular carcinoma	T3N0M0	3	III	malignant
E13	73	37	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
E14	74	52	M	Liver	Hepatocellular carcinoma	T3N1M0	2	III	malignant
E15	75	56	F	Liver	Hepatocellular carcinoma	T2N0M0	3	II	malignant
F1	76	46	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
F2	77	46	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
F3	78	65	F	Liver	Hepatocellular carcinoma	T2N0M0	2	II	malignant
F4	79	49	M	Liver	Hepatocellular carcinoma	T2N0M0	2	II	malignant
F5	80	62	F	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
F6	81	47	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant

F7	82	61	M	Liver	Hepatocellular carcinoma	T2N0M0	1	II	malignant
F8	83	42	M	Liver	Hepatocellular carcinoma	T2N0M0	3	II	malignant
F9	84	33	M	Liver	Hepatocellular carcinoma (bile duct proliferation)	T3N0M0	-	III	malignant
F10	85	63	M	Liver	Hepatocellular carcinoma	T2N0M0	1	II	malignant
F11	86	50	F	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
F12	87	54	M	Liver	Hepatocellular carcinoma	T3N0M0	3	III	malignant
F13	88	37	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
F14	89	52	M	Liver	Hepatocellular carcinoma	T3N1M0	2	III	malignant
F15	90	56	F	Liver	Hepatocellular carcinoma	T2N0M0	3	II	malignant
G1	91	42	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
G2	92	53	F	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
G3	93	47	F	Liver	Hepatocellular carcinoma (chronic hepatitis)	T3N0M0	-	III	malignant
G4	94	56	M	Liver	Hepatocellular carcinoma	T3N0M0	3	III	malignant
G5	95	59	M	Liver	Hepatocellular carcinoma	T3N0M0	3	III	malignant
G6	96	69	M	Liver	Hepatocellular carcinoma	T3N0M0	3	III	malignant
G7	97	34	M	Liver	Hepatocellular carcinoma	T2N0M0	3	II	malignant
G8	98	68	F	Liver	Hepatocellular carcinoma	T2N0M0	2	II	malignant
G9	99	43	M	Liver	Hepatocellular carcinoma	T3N0M0	1	III	malignant
G10	100	46	F	Liver	Hepatocellular carcinoma	T3N0M0	1	III	malignant
G11	101	55	F	Liver	Hepatocellular carcinoma	T3N0M0	1	III	malignant
G12	102	35	M	Liver	Hepatocellular carcinoma	T2N0M0	1	II	malignant
G13	103	64	M	Liver	Hepatocellular carcinoma with necrosis	T2N0M0	3	II	malignant
G14	104	36	M	Liver	Hepatocellular carcinoma (fibrous tissue and blood vessel)	T1N0M0	-	I	malignant
G15	105	47	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
H1	106	42	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
H2	107	53	F	Liver	Hepatocellular carcinoma with necrosis (sp...e)	T3N0M0	-	III	malignant
H3	108	47	F	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
H4	109	56	M	Liver	Hepatocellular carcinoma	T3N0M0	3	III	malignant
H5	110	59	M	Liver	Hepatocellular carcinoma	T3N0M0	3	III	malignant
H6	111	69	M	Liver	Hepatocellular carcinoma	T3N0M0	3	III	malignant
H7	112	34	M	Liver	Hepatocellular carcinoma	T2N0M0	3	II	malignant
H8	113	68	F	Liver	Hepatocellular carcinoma	T2N0M0	2	II	malignant
H9	114	43	M	Liver	Hepatocellular carcinoma	T3N0M0	1	III	malignant
H10	115	46	F	Liver	Hepatocellular carcinoma	T3N0M0	1	III	malignant
H11	116	55	F	Liver	Hepatocellular carcinoma	T3N0M0	1	III	malignant
H12	117	35	M	Liver	Hepatocellular carcinoma	T2N0M0	1	II	malignant
H13	118	64	M	Liver	Hepatocellular carcinoma with necrosis	T2N0M0	3	II	malignant
H14	119	36	M	Liver	Hepatocellular carcinoma	T1N0M0	2	I	malignant
H15	120	47	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
I1	121	53	M	Liver	Hepatocellular carcinoma	T2N0M0	3	II	malignant
I2	122	51	M	Liver	Hepatocellular carcinoma	T2N0M0	3	II	malignant
I3	123	43	M	Liver	Combined hepatocellular and cholangiocarcinoma (liver tissue)	T2N0M0	-	II	malignant
I4	124	66	M	Liver	Bile duct adenocarcinoma	T2N0M0	2	II	malignant
I5	125	71	M	Liver	Bile duct adenocarcinoma (fibrous tissue and blood vessel)	T3N0M0	-	III	malignant
I6	126	51	F	Liver	Bile duct adenocarcinoma	T3N0M0	3	III	malignant
I7	127	58	F	Liver	Bile duct adenocarcinoma	T2N0M0	2	II	malignant
I8	128	52	M	Liver	Bile duct adenocarcinoma	T2N0M0	2	II	malignant
I9	129	56	F	Liver	Bile duct adenocarcinoma	T2N0M0	3	II	malignant
I10	130	34	M	Liver	Bile duct adenocarcinoma with necrosis	T2N0M0	2	II	malignant
I11	131	45	F	Liver	Liver cirrhosis	-	-	-	cirrhosis
I12	132	23	M	Liver	Liver cirrhosis	-	-	-	cirrhosis
I13	133	46	F	Liver	Liver cirrhosis	-	-	-	cirrhosis
I14	134	50	F	Liver	Normal liver tissue	-	-	-	normal
I15	135	35	M	Liver	Normal liver tissue	-	-	-	normal
J1	136	53	M	Liver	Hepatocellular carcinoma	T2N0M0	3	II	malignant
J2	137	51	M	Liver	Hepatocellular carcinoma	T2N0M0	3	II	malignant
J3	138	43	M	Liver	Combined hepatocellular and cholangiocarcinoma (liver tissue)	T2N0M0	-	II	malignant
J4	139	66	M	Liver	Bile duct adenocarcinoma	T2N0M0	2	II	malignant
J5	140	71	M	Liver	Bile duct adenocarcinoma (fibrous tissue and blood vessel)	T3N0M0	-	III	malignant
J6	141	51	F	Liver	Bile duct adenocarcinoma	T3N0M0	3	III	malignant

J7	142	58	F	Liver	Bile duct adenocarcinoma	T2N0M0	2	II	malignant
J8	143	52	M	Liver	Bile duct adenocarcinoma	T2N0M0	2	II	malignant
J9	144	56	F	Liver	Bile duct adenocarcinoma	T2N0M0	3	II	malignant
J10	145	34	M	Liver	Bile duct adenocarcinoma with necrosis (sparse)	T2N0M0	2	II	malignant
J11	146	45	F	Liver	Liver cirrhosis	-	-	-	cirrhosis
J12	147	23	M	Liver	Liver cirrhosis	-	-	-	cirrhosis
J13	148	46	F	Liver	Liver cirrhosis	-	-	-	cirrhosis
J14	149	50	F	Liver	Normal liver tissue	-	-	-	normal
J15	150	35	M	Liver	Normal liver tissue	-	-	-	normal
-	0	58	M	Skin	Malignant melanoma (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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