


Cat No: LVD481 – Liver disease tissue array

Lot#	Cores	Size	Cut	Format	QA/QC	Pantomics, Inc.	
LVD48101	48	2mm	4um	6X8	H&E, IHC anti-Cytokeratin		

Recommended applications: For Research use only. designed for general comparative liver diseased tissue profiling of RNA or protein using IHC or ISH

Description: Liver common disease tissue array, 24 cases of normal, hepatitis, viral related cirrhosis and tumor tissues of the liver in duplicates.

All the tissues were from surgical resection. They were fixed in 10% neutral buffered formalin for 24 hours and processed using identical SOPs. Sections were picked onto Superfrost Plus or APES coated Superfrost slides. They can be stored for use at 4C for up to six months from the date of shipment. **There may be 5 to 10% of tissue core loss.**

Array position	Sex	Age	Anatomic site	Pathology	Grade	Stage
A01	M	37	Liver	Normal		
A02	F	51	Liver	Normal		
A03	F	67	Liver	Chronic hepatitis		
A04	F	57	Liver	Chronic hepatitis		
A05	F	62	Liver	Chronic hepatitis		
A06	M	31	Liver	Chronic hepatitis		
A07	F	50	Liver	Chronic hepatitis		
A08	M	67	Liver	Subacute severe hepatitis		
B01	M	37	Liver	Normal		
B02	F	51	Liver	Normal		
B03	F	67	Liver	Chronic hepatitis		
B04	F	57	Liver	Chronic hepatitis		
B05	F	62	Liver	Chronic hepatitis		
B06	M	31	Liver	Chronic hepatitis		
B07	F	50	Liver	Chronic hepatitis		
B08	M	67	Liver	Subacute severe hepatitis		
C01	M	66	Liver	Subacute severe hepatitis		
C02	F	69	Liver	Chronic hepatitis		
C03	M	40	Liver	Cholangitis		
C04	M	44	Liver	Chronic hepatitis		
C05	M	38	Liver	Inflammatory pseudotumor		
C06	F	36	Liver	Hemangioma		
C07	F	36	Liver	Hemangioma		
C08	M	28	Liver	Adenoma		
D01	M	66	Liver	Subacute severe hepatitis		
D02	F	69	Liver	Chronic hepatitis		
D03	M	40	Liver	Cholangitis		
D04	M	44	Liver	Chronic hepatitis		
D05	M	38	Liver	Inflammatory pseudotumor		
D06	F	36	Liver	Hemangioma		
D07	F	36	Liver	Hemangioma		
D08	M	28	Liver	Adenoma		
E01	M	45	Liver	Viral hepatitis related cirrhosis		
E02	M	54	Liver	Viral hepatitis related cirrhosis		
E03	M	39	Liver	Viral hepatitis related cirrhosis		
E04	M	53	Liver	Viral hepatitis related cirrhosis		
E05	F	62	Liver	Viral hepatitis related cirrhosis		
E06	F	79	Liver	Viral hepatitis related cirrhosis		
E07	F	27	Liver	Hepatocellular carcinoma	II	T3N0M0
E08	F	54	Liver	Cholangiocarcinoma		T2N0M0
F01	M	45	Liver	Viral hepatitis related cirrhosis		



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F02	M	54	Liver	Viral hepatitis related cirrhosis		
F03	M	39	Liver	Viral hepatitis related cirrhosis		
F04	M	53	Liver	Viral hepatitis related cirrhosis		
F05	F	62	Liver	Viral hepatitis related cirrhosis		
F06	F	79	Liver	Viral hepatitis related cirrhosis		
F07	F	27	Liver	Hepatocellular carcinoma	II	T3N0M0
F08	F	54	Liver	Cholangiocarcinoma		T2N0M0

Notes: Bake at 60C for ~60 minutes before use. If antigen retrieving is needed, it is important to avoid **direct-boiling and high pH or high strength** antigen retrieving buffer. For availability of complimentary IHC data, please contact us at info@pantomics.com.

Certified by: Fancai Li, M.D.

TNM Classification: Liver carcinoma

T- Primary tumor

TX - Primary tumor cannot be assessed

TO - No evidence of primary tumor

T1 - Solitary tumor without vascular invasion

T2 - Solitary tumor with vascular invasion or multiple tumors none larger than 5cm

T3 - Multiple tumors more than 5 cm, or tumor involving a major branch of the portal or hepatic vein(s)

T4 - Tumor(s) with direct invasion of adjacent organs other than the gallbladder or with perforation of visceral peritoneum

N - Regional lymph nodes

NX - Regional lymph nodes cannot be assessed

NO - No regional lymph node metastasis

N1 - Regional lymph node metastasis

M - Distant metastasis

MX - Distant metastasis cannot be assessed

MO - No distant metastasis

M1 - Distant metastasis