Supplementary Materials

Table 1 Multivariate logistic regression analysis to determine factors significantly associated with significant fibrosis

Model	B	SE B	Wald χ2	*P* value
CPHBV				
CP (Log mg/L)	-10.072	3.216	9.812	0.002
PLT (Log 10^9/L)	-4.291	2.055	4.360	0.037
HBsAg (Log IU/mL)	-0.958	0.257	13.917	< 0.001
Constant	37.122	8.539	18.898	< 0.001

CP: Ceruloplasmin; PLT: Platelet count; HBV: Hepatitis B virus; B: Partial regression coefficient; SE B: Standard error for the unstandardized beta; Wald χ2: Wald chi-square test; OR, odds ratio

Table 2. Accuracy of CPHBV in Predicting Liver Fibrosis in the training and validation groups

Cut-off	Actual Fibrosis					
	Stage0-1	**Stage2-4**				
training group	***n* = 64**	***n* = 74**	**Se**	**Spe**	**PPV**	**NPV**
≤0.0304 *n*=60	46 (71.9%)	14(18.9%)	81.1%	71.9%	76.9%	76.7%
>0.0304 *n*=78	18(28.1%)	60(81.1%)				
	Actual Fibrosis					
	Stage0-2	**Stage3-4**				
	***n*=94**	***n*=44**				
≤0.496 *n*=78	74(78.7%)	4(9.1%)	90.9%	78.7%	66.7%	94.9%
>0.496 *n*=60	20(21.3%)	40(90.9%)				
	Actual Fibrosis					
	Stage0-3	**Stage4**				
	***n*=112**	***n*=26**				
≤0.553 *n*=81	80(71.4%)	1(3.8%)	96.2	71.4	43.9	98.8
>0.553 *n*=57	32(28.6%)	25(96.2%)				
	Actual Fibrosis					
	Stage0-1	**Stage2-4**				
validation group	***n*=61**	***n*=76**				
≤0.174 *n*=70	49(80.3%)	21(27.6%)	72.4%	80.3%	82.1%	70.0%
>0.174 *n*=67	12(19.7%)	55(72.4%)				
	Actual Fibrosis					

	Stage0-2	**Stage3-4**				
	***n*=91**	***n*=46**				
≤0.176 *n*=71	66(72.5%)	5(10.9%)	89.1%	72.5%	62.1%	93.0%
>0.176 *n*=66	25(27.5%)	41(89.1%)				
	Actual Fibrosis					
	Stage0-3	**Stage4**				
	***n*=102**	***n*=35**				
≤0.206 *n*=73	72(70.6%)	1 (2.9%)	97.1%	70.6%	53.1%	98.6%
>0.206 *n*=64	30(29.4%)	34(97.1%)				

AUC: area under the receiver operating characteristic curve; Se: Sensitivity; Spe: Specificity; NPV: negative predictive value; PPV: positive predictive value