

Supplementary Table 3. Performance of serum GP73 and CK18-M30 levels for diagnosing NASH in patients with normal ALT levels

Tests result(s)	Liver pathology result (s)		Accuracy (%)	Se (%)	Sp (%)	PPV	NPV	P-value*
	NASH	non-NASH						
GP73	Positive predictive	22	23	0.516	0.733	0.323	0.489	0.578
	Negative predictive	8	11					
CK18-M30	Positive predictive	1	1	0.509	0.036	0.967	0.477	0.532
	Negative predictive	27	28					

Note: 10 missing values in CK18-M30. Diagnostic accuracy was calculated as the sum of true positive and true negative values divided by the total number of observations. Cut-off values for normal ALT levels are 35U/L for men and 23U/L for women, respectively (instead of <40 U/L as shown in Table 3). Test result above the cut-off value (53ng/mL for GP73 and 200U/L for CK18-M30) were considered positive for predicting NASH.

*chi-square test for comparing the diagnostic accuracy of serum GP73 and CK18-M30 levels.

Abbreviations: Se, sensitivity; Sp, specificity; PPV, positive predictive value; NPV, negative predictive value; NS, not significant.