

Title	Clinical implications of serum Mac-2-binding protein (M2BPGi) during regular follow-up of patients with biliary atresia
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Note	

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Table 1

Variables	n=37
Age, years	18.0 (3-38)
Gender, male/female	12/25
AST ,IU/L	47(14-160)
ALT ,IU/L	42(7-131)
Serum albumin, g/dL	4.2(3.2-5.0)
Total bilirubin, mg/dL	0.7(0.3-1.1)
Prothrombin time, INR	1.1(1.0-1.3)
Platelets, 10 ⁴ /mm ³	15.6(5.1-43.1)
M2BPGi	1.6(0.3-6.9)
Type IV Collagen	6.0(3.0-12.0)
APRI	1.0(0.1-3.3)
FIB-4	0.8(0.1-2.4)
Child-Pugh score	5.1(5-6)
Histological findings	
F0	6
F1	10
F2	6
F3	4
F4	11

Table 1 Patient demographics: Data were expressed as median with ranges. Histological findings were described by METAVIR score. AST: aspartate aminotransferase; ALT: alanine aminotransferase ; M2BPGi:Mac-2 binding protein glycosylation-modified isomer ; APRI: aspartate aminotransferase to platelet ratio index; FIB-4:Fibrosis-4 index

Table 2

	AUC	Value	Sensitivity, %	Specificity, %
F4				
M2BPGi	0.93	1.84	91	96
AST to ALT ratio	0.75	1.06	100	46
Platelet count	0.64	140	82	54
FIB-4 index	0.59	0.47	55	81
APRI	0.81	0.88	91	81
Type IV Collagen 7s	0.86	5.8	91	77
≥F3				
M2BPGi	0.93	1.67	80	100
AST to ALT ratio	0.68	0.94	93	45
Platelet count	0.64	127	60	55
FIB-4 index	0.57	0.58	60	65
APRI	0.82	0.88	80	87
Type IV Collagen 7s	0.82	5.6	87	77
≥F2				
M2BPGi	0.81	1.59	61	100
AST to ALT ratio	0.71	0.89	95	64
Platelet count	0.45	255	19	94
FIB-4 index	0.60	0.58	57	69
APRI	0.68	0.88	62	88
Type IV Collagen 7s	0.69	5.6	67	75

Table 2. ROC analysis of fibrosis markers: Data were expressed as median with ranges. AUC, optimal cutoff point, sensitivity, and specificity for each fibrotic marker are summarized. AST: aspartate aminotransferase; ALT: alanine aminotransferase ; M2BPGi:Mac-2 binding protein glycosylation-modified isomer ; APRI: aspartate aminotransferase to platelet ratio index; FIB-4:Fibrosis-4 index