

Table 1: Low post-PEG recovery of AST in case vs control sample indicative of macro-AST.

Sample	Pre-PEG AST (U/L)	Post-PEG AST (U/L)	% Recovery post-PEG
Current patient	291	<12	<4%
Control sample	233	112	48%

Table 2: Biochemistry of patient.

Biochemistry	Result	Reference Interval
Albumin	38 g/L	32–48
Bilirubin	5 µmol/L	2–20
Alkaline phosphatase (ALP)	76 U/L	30–150
Gamma-glutamyl transferase (GGT)	14 U/L	10–35
Aspartate aminotransferase (AST)	260 U/L	10–50
Alanine aminotransferase (ALT)	24 U/L	0–30
C-reactive protein (CRP)	11 mg/L	<5
Hepatitis C antibody	Negative	Negative
Hepatitis B surface antigen	Negative	Negative
Hepatitis B surface antibody	Negative	
Hepatitis B core antibody	Negative	Negative
Transferrin saturation	7%	16–45
Ferritin	49 µg/L	20–200
Creatine kinase	89 U/L	30–180
Glycated haemoglobin (HbA1c)	29 mmol/mol	20–40 mmol/mol
Copper	27.5 µmol/L	11.3–25.2
Caeruloplasmin	0.47 g/L	0.15–0.60
Alpha-1 antitrypsin level	2.9 g/L	1.0–2.0
Alpha-1 antitrypsin phenotype	MM	MM
Alpha-fetoprotein (AFP)	<5 µg/L	0–16
Immunoglobulin G (IgG)	14.5 g/L	7.0–14.0
Immunoglobulin A (IgA)	0.8 g/L	0.8–3.5
Immunoglobulin M (IgM)	0.5 g/L	0.5–2.0
Autoantibody screen		
Anti-nuclear antibody	1:320, homogeneous, chromosome positive	None detected
Smooth muscle	None detected	None detected
Mitochondrial antigens	None detected	None detected
Liver Kidney Microsomal	None detected	None detected