

Table of Abnormal LFTs and Clinical Clues

Common clinical clues and diagnoses for Abnormal LFT's

Clinical Clue	Diagnosis	Initial Test	Additional Tests
AST>ALT, MCV	Alcoholic liver disease		
Drug / herbal remedy history	Drug induced liver disease		
IV /intranasal drug misuse. Blood transfusion. Tattoos	Chronic hepatitis B Chronic hepatitis C	HBs Ag HCV Ab	HBeAg/eAbHBV DNA HCV RNA
Raised ALP +/-	Primary biliary cirrhosis	AMA, IGM	
Inflammatory bowel disease	Primary sclerosing cholangitis	ANCA	
Other autoimmune disease	Autoimmune hepatitis	ASMA, ANA	
Diabetes/joint pain Pigmentation	Haemochromatosis	↑ Serum Fe / TIBC ↑ Trans Sat % ↑ ferritin	Haemochromatosis genotype test
Neurological signs	Wilson's disease	↓Caeruloplasmin	↑24hr urinary Copper
Lung disease	Alpha 1 antitrypsin	↓α1 antitrypsin level	α ₁ antitrypsin phenotype
Metabolic syndrome (BMI, diabetes, hypertension)	Non-alcoholic fatty liver disease		