

# Screening for Chronic Liver Disease



Category	Disease	Screening Test	→	Confirmatory / Additional Tests*
Viral	Hepatitis B virus	HBsAg	if positive	HBVDNA, HBeAg, anti-HBe
	Hepatitis C virus	Anti-HCV	if positive	HCVRNA, genotype
Genetic	Hemochromatosis	Fe/TIBC, ferritin	if TS>45% ± ferritin >1000	HFE gene testing
	Alpha 1 Antitrypsin (A1AT) deficiency	A1AT level	if low	Pi phenotyping
	Wilson's Disease	Ceruloplasmin	if low	24h urine Cu, slit lamp (KF rings)
Autoimmune	Autoimmune Hepatitis (AIH)	ANA, ASMA, IgG	if positive (IgG high)	Liver biopsy
	Primary Biliary Cholangitis (PBC)	AMA	if positive	AMA is diagnostic (IgM may also be high)
	Primary Sclerosing Cholangitis (PSC)	None	if AMA negative (esp. if colitis)	MRCP
Toxin	Alcohol	None (history)		(IgA may also be high)
Metabolic	Non-Alcoholic Fatty Liver Disease (NAFLD)	None (exclude above)		Fasting glucose & lipids (IgA may also be high)

**All patients with CLD also need an assessment of fibrosis (non-invasive or liver biopsy)**