

	Minimum	Necessary	Maximum
1. Enzymatic activity	GPT, γ -GT	→ GOT, GDH	→ LDH
2. Synthesis capacity	ChE, Quick's value	→ albumin	→ ammonia, galactose EC
3. Excretion capacity	AP, bile pigments in the urine	→ bilirubin; LAP	→ bile acids, iron, copper, cholesterol, indocyanine green, LP X
<p style="text-align: center;">↓</p> Enzyme-screening scheme Enzyme ratios <p style="text-align: center;">↓</p>			
4. Mesenchymal activity	γ -globulins	→ immunoglobulins, A, G, M	→ procollagen-III-peptide, copper
5. Immunological activity	HBs antigen, HBc antibody, HA antibody, AMA	→ HBs antibody, ANA	→ HBe antigen, HBe antibody, HBV DNA, HDV, HCV anti- body, SMA, LMA, α_1 -foeto- protein <i>etc.</i>

*) With regard to clinical assessment, the respective normal values depend on the reference value of every laboratory