

Indicator enzymes Secretory enzymes Excretory enzymes		GPT, GOT, GDH, LDH ChE AP, LAP, γ -GT, 5'-NU	
Unilocular Cytoplasm Mitochondria Endoplasmic reticulum Bilocular Cytoplasm Mitochondria		GPT, LDH GDH γ -GT, ChE cGOT (20%) mGOT (80%)	
Periportal (zone 1) Pericentral (zone 3) Zones 1–3		GPT, LDH, AP GDH, ADH GOT	
half-life	in hours	half-life	in days
LDH ₅	10 \pm 2	γ -GT	3–4
GOT	13 \pm 1	AP	3–7
GDH	16 \pm 2	ChE	< 10
GPT	47 \pm 10	LAP	< 10