



Liver Values: A Serial-Labs Tracking Sheet

Your pet's liver numbers, side by side, so you and your vet watch the trend

PETSLIKEMINE
LIVER & GALLBLADDER

PET NAME _____	SPECIES ☐ Cat ☐ Dog	LAB UNITS _____
-------------------	--	--------------------

One raised liver number, on one day, tells you almost nothing on its own. These values move with recent meals, other illnesses and medicines, so the honest question is never "is it high?" but "which way is it going, and how does the whole picture read together?" Line the results up as you get them and the trend, the thing that actually guides decisions, appears on the page.

LEAK VERSUS FUNCTION: THE TWO HALVES OF THE PANEL

The top group are **leak** markers. ALT, ALP, AST and GGT are enzymes that spill out when liver cells are stressed or irritated, so they say "something is going on" without saying what, or how serious. The lower group are **function** markers. Albumin, bilirubin and bile acids test whether the liver is still doing its actual job. A liver can have grumbling enzymes for years and still work perfectly; it is the function numbers drifting that tend to matter more. Read the two halves together, with your vet.

No reference ranges are printed here on purpose: every laboratory sets its own, so a value that is "high" at one lab can be mid-range at another. Write your own lab's range, or the target your vet is aiming for, in the target column.

THE TREND

MARKER	YOUR VET'S TARGET / LAB RANGE							
LEAK MARKERS – CELLS ARE STRESSED (A SIGN, NOT A DIAGNOSIS)								
ALT Damage happening now, mainly in dogs and cats	_____	_____	_____	_____	_____	_____	_____	_____
ALP Often not the liver: steroids, Cushing's, bone, a breed quirk	_____	_____	_____	_____	_____	_____	_____	_____
AST Backs up ALT; also rises from muscle	_____	_____	_____	_____	_____	_____	_____	_____
GGT Points more at the bile system; useful in cats	_____	_____	_____	_____	_____	_____	_____	_____
FUNCTION MARKERS – IS THE LIVER STILL DOING ITS JOB?								
Bilirubin Rising bilirubin is what turns the gums and eyes yellow	_____	_____	_____	_____	_____	_____	_____	_____
Albumin A protein the liver makes; a falling level can matter	_____	_____	_____	_____	_____	_____	_____	_____
Bile acids The best day-to-day test of how the liver is working	_____	_____	_____	_____	_____	_____	_____	_____

Working reviewed by Dr Alastair Greenway MRCVS and Claire Greenway BVM&S MRCVS. This sheet explains and records. It does not diagnose or prescribe. Always follow your own vet's instructions.

Reading your trend: steady, or slowly settling on treatment, is reassuring; a single sharp jump is sometimes another illness or a recent medicine rather than the liver worsening. No value here is read alone or as a diagnosis. How to use. Add one column each time bloods are taken and bring your last results to every recheck, so the new numbers drop straight into the trend. Logging the same values on the Liver

Values Tracker graphs this trend for you automatically. Reference ranges vary by laboratory.

THE TREND OVER TIME BEATS ANY SINGLE NUMBER