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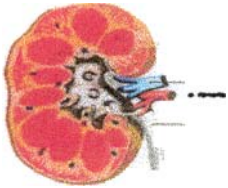
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A Guide to understanding the results of your pets pre-op Blood Tests

This is a very simple guide to what the tests are looking for, and what the significance of any changes may be.

Please be assured that if there are any meaningful variations from normal, we will discuss these with you. Blood tests have to be taken in perspective, and some apparently abnormal results will prove not to be of concern. If you would like an explanation in further detail, one of our Veterinary Surgeons would be pleased to help.



UREA and CREATININE are two poisons normally produced by the body and normally got rid of by the kidney. Any abnormality of kidney function will cause a rise in both of these levels. A rise that involves both of these poisons tends to be significant although a rise in one and not the other tends not to be a concern unless there is serious concurrent illness.



Blood GLUCOSE- The most common abnormality that we see is an elevated blood glucose, and this is usually due to Diabetes Mellitus. You should note that in cats any form of stress can elevate blood glucose levels, and it is common to find minor elevations with this test.



ALT and ALKP are both enzymes normally found within cells. If there is tissue damage, the cell contents are liberated into the blood stream, where we pick up the rise in them. ALT is very liver specific, and almost certainly means there is liver damage. ALKP is less specific, and can be raised by certain long term drug treatments, notably corticosteroids and feline control drugs



TP or total protein is a measure of two types of protein in the blood- the protein that makes up antibodies (globulin) and the major protein of the blood, albumin. The most likely change that we would see would be a rise in this parameter and this is most often found with dehydration.

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