

# ASSESSMENT OF A NOVEL URINE BIOMARKER FOR ACUTE KIDNEY INJURY IN CATS

*Complete Title: Feline Acute Kidney Injury Study*

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## Purpose of the Clinical Study

Acute kidney injury (AKI) occurs when there is a sudden failure of the kidneys to perform their normal filtration duties. This is not the same as the more common chronic kidney disease (CKD). When the kidneys aren't working properly, this can result in an accumulation of toxins and other metabolic wastes in the bloodstream which can lead to dehydration and electrolyte imbalances. Older cats are at a higher risk of developing this disease. If diagnosed early and treated aggressively, AKI is potentially reversible. Not all cats with AKI have the same laboratory blood results (ie: serum creatinine concentration may not be elevated) which can make diagnosis problematic, however, there may be a new biomarker in urine that we can use to diagnose AKI.

## Is Your Pet Eligible?

Cats with any of the following conditions: severe systemic disease, NSAID therapy aminoglycoside therapy, lower urinary tract obstruction, prerenal azotemia, exacerbation of chronic renal disease and acute renal failure are eligible to participate.

## Visits / Samples Required

A small urine sample (1mL) collected by voidance, cystocentesis or catheterization is required. This sample can be provided from leftover urine during routine urinalysis. There are no additional procedures or treatments related to this study.

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Questions about this study?

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