

Patient Info:

Name: Sparky
Chart No: 2308
Owner: Black
Doctor: Kelso

Species: Canine
Breed:
Age: 18Y
Sex: CM

Hospital:

VCA Columbia Animal Hospital
 at Hickory Ridge
 10788 Hickory Ridge Rd
 Columbia, MD 21044
Antech ID: 2501

Lab:

ANTECH Diagnostics
 1111 Marcus Avenue
 Lake Success, NY 11042
Reported: 09/14/10 11:19 AM
Received: 09/12/10

Accession No. NYAA99331123	Doctor Kelso	Owner Black	Pet Name Sparky
--------------------------------------	------------------------	-----------------------	---------------------------

Test	Results	Adult Reference Range	L	Normal	H
------	---------	-----------------------	---	--------	---

Urinalysis

Collection Method

Cystocentesis

Color	Yellow				
-------	--------	--	--	--	--

Appearance	Clear	*Clear			
------------	-------	--------	--	--	--

Specific Gravity	1.020	1.015-1.050			
------------------	-------	-------------	--	--	--

pH	6.0	5.5-7.0			
----	-----	---------	--	--	--

Protein	1+	Neg	HIGH		
----------------	-----------	------------	-------------	--	--

Urine protein verified with 3% sulfosalicylic acid.

Glucose	3+	Neg	HIGH		
----------------	-----------	------------	-------------	--	--

Ketone	Negative	Neg			
--------	----------	-----	--	--	--

Bilirubin	Negative	Neg To 1+			
-----------	----------	-----------	--	--	--

Blood	Negative	Neg			
-------	----------	-----	--	--	--

WBC	None	0-3 HPF			
-----	------	---------	--	--	--

RBC	None	0-3 HPF			
-----	------	---------	--	--	--

Casts	None Seen	LPF			
-------	-----------	-----	--	--	--

Crystals	None Seen	HPF			
----------	-----------	-----	--	--	--

Bacteria	None Seen	None HPF			
----------	-----------	----------	--	--	--

Squamous Epithelia	0-1	0-3 HPF			
--------------------	-----	---------	--	--	--

Urine MIC Culture

Source:	Urine
---------	-------

Preliminary #1	09/13/2010
----------------	------------

No growth after 24 hours.

Preliminary #2	09/14/2010
----------------	------------

No growth present after 48 hours.

Final Report	09/14/2010
--------------	------------

Urine Microalbumin (Canine)

Microalbuminuria	6.6	<2.5 mg/dL	HIGH
-------------------------	------------	----------------------	-------------

The MA is greater than 2.5 mg/dl and less than 30 mg/dl, indicating microalbuminuria.

Microalbuminuria (MA) usually indicates compromise of the glomerular barrier and is a significant finding when it is persistent (2 or more positive results obtained 2 or more weeks apart).

Accession No. NYAA99331123	Doctor Kelso	Owner Black	Pet Name Sparky
Test	Results	Adult Reference Range	L Normal H

Persistent MA, in the majority of pets, is due to renal injury secondary to other systemic disease or primary renal disease. Systemic diseases associated with persistent MA include inflammatory disease, chronic infections, metabolic disease (e.g. hypertension, Cushing's Syndrome, diabetes mellitus, hyperthyroidism) and neoplasia. False positive results may occur with pyuria and gross hematuria. Suggestions for evaluating patients with microalbuminuria:

1. Check for and treat underlying diseases indicated above
2. Recheck MA in 2-4 weeks
3. In the absence of underlying disease, monitor for progression of MA and development of renal failure