

# VETSCAN UA

UA

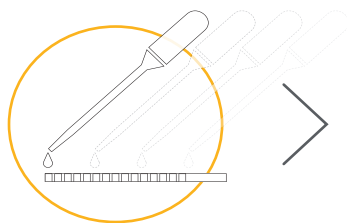


## URINARY, RENAL AND METABOLIC HEALTH SCREENING

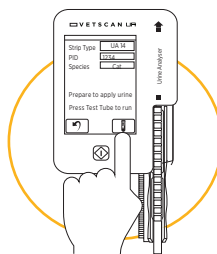
This rechargeable, lightweight portable device is specifically designed for animals and removes the inaccuracies that may occur through the use of human urine dip sticks.

With the ability to assess Microalbumin (MA) in conjunction with Urine Protein:Creatinine ratio (UPC) the VetScan UA is an ideal non invasive solution to test and monitor renal function.

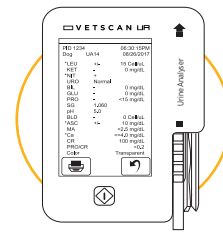
Get 14 analytes in 60 seconds



Place sample onto strip



Start test



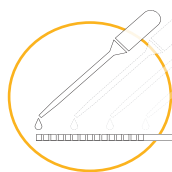
Read results

## Benefits of UA

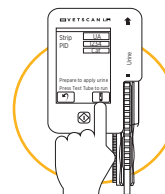
|                                                         |                                                                                                                                                                   |
|---------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Fast, accurate &amp; intuitive</b>                   | Only 1 minute per test strip, highly reproducible, semi-quantitative urine chemistry results with an easy touchscreen operation                                   |
| <b>Automated</b>                                        | Automatically captures and reports UA test strip results                                                                                                          |
| <b>Easy-to-read results &amp; VetScan SA compatible</b> | Onscreen display or easy printing to a hand-sized printer. UA results can integrate with the VetScan SA Sediment Analyser delivering a combined urinalysis report |
| <b>Comprehensive menu</b>                               | Includes Urine Protein:Creatinine Ratio (UPC) and Microalbumin                                                                                                    |

## Consumables

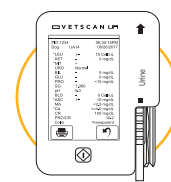
| Analytes                              |         | UA10 Strip | UA14 Strip |
|---------------------------------------|---------|------------|------------|
| Leukocytes                            | LEU     | ●          | ●          |
| Ketone                                | KET     | ●          | ●          |
| Nitrite                               | NIT     | ●          | ●          |
| Urobilinogen                          | URO     | ●          | ●          |
| Bilirubin                             | BIL     | ●          | ●          |
| Glucose                               | GLU     | ●          | ●          |
| Protein                               | PRO     | ●          | ●          |
| Specific Gravity                      | SG      | ●          | ●          |
| pH                                    | PH      | ●          | ●          |
| Blood                                 | BLD     | ●          | ●          |
| Ascorbic Acid                         | ASC     |            | ●          |
| <b>Microalbumin</b>                   | MA      |            | ●          |
| <b>Calcium</b>                        | CA      |            | ●          |
| <b>Creatinine</b>                     | CRE     |            | ●          |
| <b>Protein:Creatinine Ratio (UPC)</b> | PRO/CRE |            | ●          |



Place sample  
onto strip



Start test



Read results

## UA RESULTS BIN

| ANALYTE | RESULT TYPE             | SPECIES     | SEMI-QUANTITATIVE SYMBOL AND CONCENTRATION |              |       |              |       |       |       |       |       |  |
|---------|-------------------------|-------------|--------------------------------------------|--------------|-------|--------------|-------|-------|-------|-------|-------|--|
| LEU     | Semi-Quantitative       | N/A         | -                                          | +/-          | +1    | +2           | +3    |       |       |       |       |  |
|         | Cell/μL (CON)           | N/A         | 0                                          | 15           | 70    | 125          | 500   |       |       |       |       |  |
|         | Cell/μL (SI)            | N/A         | 0                                          | 15           | 70    | 125          | 500   |       |       |       |       |  |
| KET     | Semi-Quantitative       | N/A         | -                                          | +/-          | +1    | +2           | +3    |       |       |       |       |  |
|         | mg/dL (CON)             | N/A         | 0                                          | 5            | 15    | 40           | ≥80   |       |       |       |       |  |
|         | mmol/L (SI)             | N/A         | 0                                          | 0.5          | 1.5   | 4            | ≥8.0  |       |       |       |       |  |
| NIT     | Semi-Quantitative (CON) | N/A         | -                                          | +            |       |              |       |       |       |       |       |  |
|         | Semi-Quantitative (SI)  | N/A         | -                                          | +            |       |              |       |       |       |       |       |  |
| URO     | Semi-Quantitative       | N/A         | nor-<br>mal                                | +1           | +2    | +3           |       |       |       |       |       |  |
|         | mg/dL (CON)             | N/A         |                                            | 2.0          | 4.0   | ≥8.0         |       |       |       |       |       |  |
|         | μmol/L (SI)             | N/A         |                                            | 33           | 66    | ≥131         |       |       |       |       |       |  |
| BIL     | Semi-Quantitative       | N/A         | -                                          | +1           | +2    | +3           |       |       |       |       |       |  |
|         | mg/dL (CON)             | N/A         | 0                                          | 0.5          | 2     | 6            |       |       |       |       |       |  |
|         | μmol/L (SI)             | N/A         | 0                                          | 8.6          | 33    | 100          |       |       |       |       |       |  |
| GLU     | Semi-Quantitative       | N/A         | -                                          | +/-          | +1    | +2           | +3    | +4    |       |       |       |  |
|         | mg/dL (CON)             | N/A         | 0                                          | 5            | 100   | 250          | 500   | ≥1000 |       |       |       |  |
|         | mmol/L (SI)             | N/A         | 0                                          | 2.8          | 5.5   | 14           | 28    | ≥55   |       |       |       |  |
| PRO     | Semi-Quantitative       | N/A         | -                                          | +/-          | +1    | +2           | +3    |       |       |       |       |  |
|         | mg/dL (CON)             | N/A         | <15                                        | 15           | 30    | 100          | 300   |       |       |       |       |  |
|         | g/L (SI)                | N/A         | <0.15                                      | 0.15         | 0.3   | 1            | 3     |       |       |       |       |  |
| SG      | (no units)              | N/A         | 1.000                                      | 1.010        | 1.015 | 1.020        | 1.030 | 1.040 | 1.045 | 1.050 | 1.060 |  |
| pH      | (no units)              | N/A         | 5.0                                        | 5.5          | 6.0   | 6.5          | 70    | 7.5   | 8.0   | 8.5   | 9.0   |  |
| BLD     | Semi-Quantitative       | N/A         | -                                          | +/-          | +1    | +2           | +3    |       |       |       |       |  |
|         | Cell/μL (CON)           | N/A         | 0                                          | 10           | 25    | 80           | 200   |       |       |       |       |  |
|         | Cell/μL (SI)            | N/A         | 0                                          | 10           | 25    | 80           | 200   |       |       |       |       |  |
| ASC     | Semi-Quantitative       | N/A         | -                                          | +/-          | +1    | +2           | +3    |       |       |       |       |  |
|         | mg/dL (CON)             | N/A         | 0                                          | 10           | 25    | 50           | 100   |       |       |       |       |  |
|         | mmol/L (SI)             |             | 0                                          | 0.6          | 1.4   | 2.8          | 5.6   |       |       |       |       |  |
| MA      | mg/dL (CON)             | Dog & Other | <2.5                                       | ≥2.5         |       |              |       |       |       |       |       |  |
|         |                         | CAT         | <2.5                                       | ≥2.5         |       |              |       |       |       |       |       |  |
|         | mg/L (SI)               | Dog & Other | <2.5                                       | ≥2.5         |       |              |       |       |       |       |       |  |
|         |                         | CAT         | <2.5                                       | ≥2.5         |       |              |       |       |       |       |       |  |
| Ca      | mg/dL (CON)             | N/A         | ≤4.0                                       | 10           | 20    | 30           | ≥40   |       |       |       |       |  |
|         | mmol/L (SI)             | N/A         | ≤1.0                                       | 2.5          | 5     | 7.5          | ≥10   |       |       |       |       |  |
| CR      | mg/dL (CON)             | N/A         | ≤10                                        | 50           | 100   | 200          | ≥300  |       |       |       |       |  |
|         | mmol/L (SI)             | N/A         | ≤0.9                                       | 4.4          | 8.8   | 17.6         | ≥26.4 |       |       |       |       |  |
| PRO/CR  | (no units)              | Dog & Other | <0.2                                       | ≥0.2 to <0.5 |       | ≥0.5 to <2.0 |       | ≥2.0  |       |       |       |  |
|         | CON & SI same           | CAT         | <0.2                                       | ≥0.2 to <0.4 |       | ≥0.4 to <2.0 |       | ≥2.0  |       |       |       |  |

The Semi-quantitative symbols: (-) = Normal values, (-/+ ) = Trace values, (+1 to +4) = Abnormal, (\*) = Usually means the value is out or range (usually high) but could be low. VetScan UA bins can also be found in the user manual, Appendix B. The urine colour can affect the results.