More urine sediment images with explanations are found on the **Complete Urinalysis Education** CD-ROM, provided with your IDEXX VetLab[®] UA[™] Analyzer.

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IDEXX Urine Sediment Guide



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Urine Sediment Guide



Cells

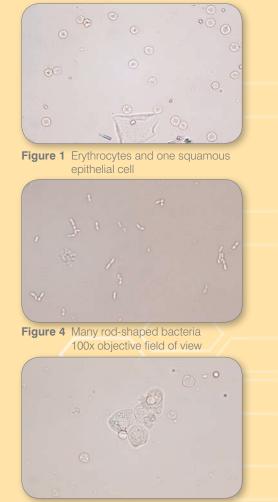


Figure 7 Transitional epithelial cells

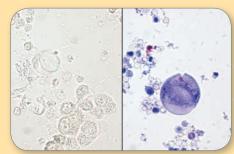


Figure 10 Transitional cell carcinoma (NMB wet prep on right)



Figure 2 Erythrocytes and two leukocytes (black arrows)



Figure 5 Many leukocytes and large rodshaped bacteria (black arrowheads)



Figure 8 Squamous epithelial cells

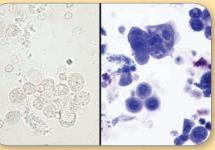


Figure 11 Transitional cell carcinoma (NMB wet prep on right)

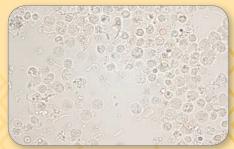


Figure 3 Numerous leukocytes and few rod-shaped bacteria



Figure 6 Numerous bacteria and leukocytes

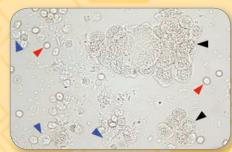


Figure 9 Epithelial cells (black arrows), RBC (red arrows) and WBC (blue arrows)

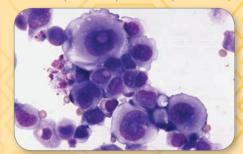


Figure 12 Transitional cell carcinomaair-dried and Diff-Quik® stained



Figure 13 Hyaline cast (borders outlined)

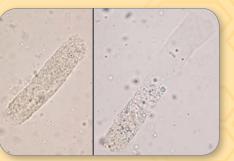


Figure 14 Granular (left) and mixed waxy and granular (right) casts



Figure 15 Waxy cast

Crystals and Miscellaneous



Figure 19 Ammonium urate

Figure 22 Left: Fat droplets (red arrows, RBC); Right: Sperm

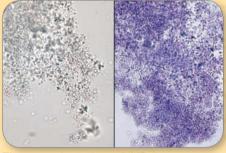


Figure 17 Amorphous (NMB wet prep on right)



Figure 20 Left: Calcium oxalate monohydrate Right: Calcium oxalate dihydrate



Figure 23 Pearsonema plica



Figure 18 Bilirubin



Figure 21 Drug (Tribrissen[™]) crystals 10x objective field of view



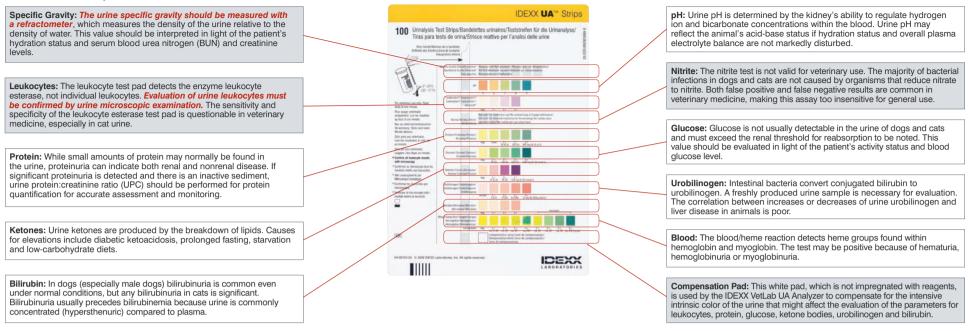
Figure 24 Contaminant fragmented fiber

All images, unless otherwise indicated, are representative of a High Power Field of view (40x objective field of view)

Images and information provided by:

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Interpretation (Expected Values)		
Analyte	Normal	Reporting Results
WBC	0–5 / HPF	Number / HPF
RBC	0–5 / HPF	Number / HPF
Epithelial Cells	0–Few / HPF	Number / HPF
Crystals	Variable	Number / LPF
Casts	0–Few / LPF	Number / LPF
Bacteria	0–Few / HPF	1 + to 4 + / HPF



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