

Clinical conditions identified by Urinalysis

High specific gravity (>1.035)	Nephrotic syndrome, dehydration, acute glomerulonephritis, heart failure, liver failure, shock
Low specific gravity (<1.035)	Diabetes insipidus, nephrogenic diabetes insipidus, acute tubular necrosis, pyelonephritis
Protein, microalbumin, creatinine	Renal disease, fever congestive heart failure (CHF), hypertension, tumors
Glucose in protein	Sugar levels are obviously important in diagnosing diabetes
Ketone bodies in urine	Ketonuria occurs in diabetes mellitus and starvation
Bilirubin	Liver damage or disease
Blood	Present of haemoglobin or myoglobin. Kidney damage, infection, kidney or bladder stones,
Red blood cells	kidney or bladder cancer or blood disorders
White blood cells	Haematuria

Preference values of urine for different species

Physical examination

PARAMETER	CATTLE	SHEEP	GOAT	HORSE	DOG	CAT	RABBIT
Urine volume (ml/kg)	16-50	10-40	10-40	8-30	14-50	18-25	20-350
Colour	• pale yellow • dark brown • yellow	• pale yellow • dark brown • yellow	• pale yellow • dark brown • yellow	orche	• pale yellow • brown • yellow	• yellow strong • dark yellow	• pale yellow • red • brown
Transparency	clear	clear	clear	turbid	clear	clear	clear
Odour	aromatic	indifferent aromatic	indifferent aromatic	aromatic	garlicy	sharp	n.s
Specific gravity	1.020-1.040	1.020-1.040	1.020-1.040	1.020-1.040	1.001-1.065	1.001-1.080	1.003-1.036

Chemical examination

PARAMETER	CATTLE	SHEEP	GOAT	HORSE	DOG	CAT	RABBIT
pH	7.0-8.4	7.5-8.5	7.5-8.5	7.6-9.0	5.5-7.0	5.0-7.0	8.2
Protein	negative	negative	negative	negative	negative	negative	0-20mg/dl
Glucose	negative	negative	negative	negative	negative	negative	negative
Ketones	negative	negative	negative	negative	negative	negative	negative
Bilirubin	negative	negative	negative	negative	negative-weak	negative	negative
Urobilinogen	Negative - weak positive	Negative - weak positive	Negative - weak positive	Negative - weak positive	Negative - weak positive	Negative - weak positive	0,2-1 mg/dl
Blood	positive	positive	positive	positive	negative-weak	positive	negative
Leukocytes	negative	negative	negative	negative	positive	negative	0-2 hpf

 **CORMAY
DIAGNOSTICS**
VETERINARY



URI TEX Veterinary

Immediate near patient urinalysis

Portable and lightweight

- 430g
- 74 x 188 x 77 mm (W x L x H)
- Mains or battery operated
- Possibility to test outside the clinic, near the patient

Multiparametric analysis

- Glucose
- Protein
- pH
- Blood
- Bilirubin
- Urobilinogen
- Specific gravity
- Nitrite
- Leukocytes
- Ketones
- Microalbumin
- Creatinine

Multiparametric comprehensive urine chemistry determination for veterinary patients

Ease of use

- 2 step urinalysis
- Automated calibration
- Simple and intuitive operation by touchscreen

Immediate diagnosis of unstable sample

- Results after 60 s
- No sample pretreatment
- Results printed automatically via external printer

