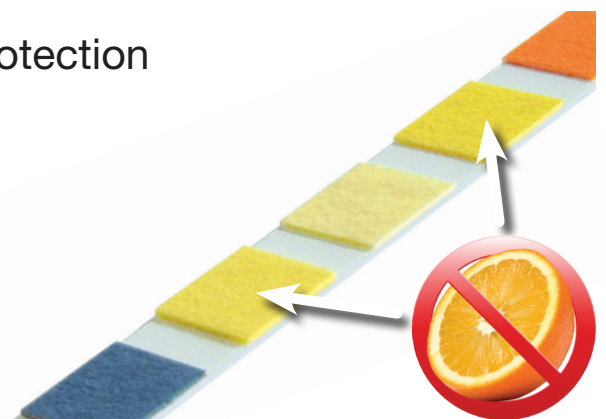


CombiScreen® VET 11 PLUS



Urinalysis for veterinary care

- Urine test strips with ascorbic acid protection
- Performs highest quality standards
- Excellent price-performance ratio
- Includes special information for veterinarians



combi[®] screen

PLUS – with ascorbic acid protection

Name	Art.-Nr.	Cont.	Parameter												
			Glucose	Ascorbic Acid	Ketones	Protein	pH-Value	Blood	Nitrite	Leucocytes	Spec. Gravity	Bilirubin	Urobilinogen		
VET 11 Plus	94100V	100	■	■	■	■	■	■	■	■	■	■	■	■	■

Ascorbic acid protection

Ascorbic acid, better known as Vitamin C, is being ingested mainly through forage and nutritional supplements. Most of it is excreted unaltered in the urine again. For this reason a high percentage of the animals shows a clearly increased Ascorbic acid level in the urine.

This results in lowered or even false negative results of the blood and glucose pads with many urine test strips on the market. Therefore diagnostic or therapeutic actions may be taken too late. Analyticon's CombiScreen[®] VET 11 PLUS test strip offers a considerable higher reliability due to its integrated ascorbic acid protection system.

General Information

The use of test strips for examination of urine of animals can provide information which supports the diagnosis of disorders or diseases. Besides test strips evaluation, a macroscopic evaluation of the urine should be performed (color, turbidity, odor, volume). The reference ranges for different animals are different, details can be taken from the reference table.

Parameter	Horse	Cattle	Pig	Sheep	Goat	Dog	Cat	Bunny	Guinea pig
Bilirubin	neg.	neg.	neg.	neg.	neg.	neg. – weak pos.	neg.	neg.	neg.
Urobilinogen	neg. – weak pos.	neg. – weak pos.	neg. – weak pos.	neg. – weak pos.	neg. – weak pos.	neg. – weak pos.	neg. – weak pos.	neg. – weak pos.	neg. – weak pos.
Ketones	neg.	neg.	neg.	neg.	neg.	neg.	neg.	neg.	neg.
Ascorbic Acid	¹⁾	¹⁾	¹⁾	¹⁾	¹⁾	¹⁾	¹⁾	¹⁾	¹⁾
Glucose	neg.	neg.	neg.	neg.	neg.	neg.	neg.	neg.	neg.
Protein	neg.	neg.	neg.	neg.	neg.	neg.	neg.	neg.	neg.
Blood	neg.	neg.	neg.	neg.	neg.	neg.	neg.	neg.	neg.
pH	7.6 – 9,0	7.0 – 8,4	5.5 – 8,0	7.5 – 8,5	7.5 – 8,5	5.5 – 7,0	5.0 – 7,0	8.2	8.0 – 9.0
Nitrite	neg.	neg.	neg.	neg.	neg.	neg.	neg.	neg.	neg.
Leucocytes	neg.	neg.	neg.	neg.	neg.	neg.	neg.	neg.	neg.
Specific Gravity	1.020 – 1.040	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	1.000 – 1.040
Color	Clay – ochre	Bright yellow – brown yellow	Bright yellow – dark yellow	Bright yellow – brown yellow	Bright yellow – brown yellow	Paly yellow – brown yellow	Yellow – dark yellow	Bright yellow – auburn	Yellow
Turbidity	Turbid	Clear	Clear	Clear	Clear	Clear	Clear	Clear – turbid	Clear – slightly turbid
24h-Volume (ml/kg)	8 – 30	16 – 50	20 – 80	10 – 40	10 – 40	24 – 50	18 – 25	20 – 350	–
Odor	Aromatic	Aromatic	Aromatic, unpleasant	Aromatic – neutral	Aromatic – neutral	Garlic, meat broth	Caustic	–	–

¹⁾ see package insert

Special information on veterinary urine diagnostics

Besides the information on CombiScreen[®] VET 11 test strips, there is some additional information especially related to veterinary diagnostics. The nutrition, habits of liquid intake, physical activity of the animal and conditions of collection of the sample must be considered during urinalysis of animals. A detailed explanation of special aspects in the examination of the individual parameters can be found in the package insert.

Literature

Kraft / Dürr, klinische Labordiagnostik in der Tiermedizin, 6th edition, Verlag Schattauer 2005.

Distributor information



Analyticon Biotechnologies GmbH

Am Muehlenberg 10
35104 Lichtenfels - Germany
Fon. +49 6454 7991-0
info@analyticon-diagnostics.com
www.analyticon-diagnostics.com