

Fast + Simple
Focused on Veterinary Diagnostics

FASTest® ROTA Strip ad us. vet.

Virus diarrhoea with zoonotic potential

Fast test for the qualitative detection of Rotavirus group A antigens in feces of pocket pets, pets and farm animals

Fast aetiological diagnostics of the highly contagious pathogen

Immediate and specific initiation of treatment, prophylaxis and hygiene arrangements

Identification of asymptomatic carriers

Fast, effective and economic livestock prophylaxis



- Simple test procedure with feces
- Fast test interpretation after 5 minutes
- Reliable clinical diagnostics
- Sensitivity 97.5% & Specificity 99.9%
- Storage at room temperature (15-25° C)
- Long shelf life
- Compact test box with 2 or 10 tests

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Rotavirus from the family of Reoviridae is found world-wide and acts as the causative agent of severe diarrhoea (gastroenteritis) in almost every mammal species (especially cattle, pig, dog, cat and horse), birds and humans. Rotavirus is considered to be species specific, but can also be transmitted from species to species, then causing a rather asymptomatic course of disease.

The transmission from animal specific Rotavirus to humans is scientifically proven, so that the zoonotic potential cannot be denied.

Especially in cattle population, Rotavirus is widely spread (seroprevalence up to 100%) regardless of the diarrhoea problem. Recent studies in Germany with small animals have shown prevalences in dogs and cats of 7% and 8%, respectively.

Rotavirus is highly contagious and shed in large amounts via feces. Due to the high tenacity, the low infection dose and the short incubation period of 1.5 hours to 2 days, Rotavirus can cause severe diarrhoea (dehydration, loss of weight, acidosis) within a short time, which can induce serious onsets in group husbandry (mortality in calves up to 10%).

The awareness of the potential hazard of other live stocks/animal species as well as humans by dumping infectious agents in surface waters and agricultural used areas (fertilization) increases constantly.

This, as well as the increasing close human-animal contact with pets, is a great diagnostic challenge for the veterinarian. Using **FASTest® ROTA** Strip on-site allows the veterinarian a rapid and specific detection of Rotavirus. This enables the veterinarian to initiate specific therapy and prevention measures.

Test procedure



Test interpretation



POSITIVE



NEGATIVE



Rotavirus, together with *Cryptosporidium* spp., *E. coli* spp. and Coronavirus, can cause the "Neonatal Diarrhoea Complex", one of the diseases causing heavy losses in young calves world-wide. Therefore it is advisable to use other tests such as **FASTest® BCV** Strip, **FASTest® CRYPTO** Strip and / or **FASTest® E. coli-K99** Strip or the combined test **FASTest® D4T** bovine, respectively, when diarrhoea in large animals is detected.

In small animals with diarrhoea, additional tests are recommended: **FASTest® GIARDIA** Strip (dog, cat), **FASTest® CCoV** Strip (dog), **FASTest® PARVO** Strip (dog, cat), **InPouch™ TF-Feline** (cat).

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Distribution: