



**Pathasure® Enteritis 4: Bovine Rotavirus-Coronavirus,
Escherichia coli K99 and Cryptosporidium parvum Antigen Test Kit (ELISA)**

Sensitive and specific detection of four major agents of calf neonatal

Major advantage of Pathasure® enteritis 4

- **Sensitive and specific** detection of four major agents of calf neonatal
- **Easy to use** (no laboratory material required)
- **Convenient** (most reagents ready to use and stable at 40C for several months)
- **Versatile** (you may test for all the agents or for only one)
- **Fast** (results available within less than 1.5 hour)

Kit components	Quantity
• Strips of 8 wells coated with a mix of 4 Abs specific to rotavirus, coronavirus, E. coli K99 and Cryptosporidium parvum	12
• Ready-to-use positive control (dark yellow)	2.0 mL
• Ready-to-use negative control (pale yellow)	2.0 mL
• Concentrated wash solution (10X)	120 mL
• Ready-to-use anti-rotavirus conjugate (red)	7 mL
• Ready-to-use anti-coronavirus conjugate (blue)	7 mL
• Ready-to-use anti-E. coli K99 conjugate (green)	7 mL
• Ready-to-use anti-Cryptosporidium conjugate (violet)	7 mL
• Substrate	15 mL
• 3 mL pipette	1

Materials required but not provided:

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| <ul style="list-style-type: none"> • Purified water • Test tubes for sample dilution • Containers for dilution of other solutions |
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Test per kit: 1 well is needed to test each agent
 e.g.: 22 fecal samples can be tested for the 4 agents
 94 fecal samples can be tested for 1 agent only

IMPORTANT:

- Requires a permit to release veterinary biologics from CFIA in Canada. This product is not licensed by CFIA and any claims made have not been substantiated by CFIA.
- Requires a Research and Evaluation import permit from the USDA in the US. This product is not licensed by the USDA and any claims made have not been substantiated by the USDA.

Pathasure® Enteritis 4

Calf neonatal diarrhea is a major problem for the cattle industry worldwide and is responsible for major economic losses. Numerous non-infectious agents may cause calf diarrhea. However four agents are by far more important i.e. Rotavirus, Coronavirus, Escherichia coli K99, and Cryptosporidium parvum.

Specific measures for the prevention and the control of all these four agents are presently available. Consequently making the right diagnosis is important in order to implement the appropriate measures (eg vaccination, treatment).

During many years detecting the presence of these four diarrhagenic agents in fecal samples has been difficult and expensive. Using the Pathasure Enteritis 4 kit from Biovet this has become quite easy and low cost.

Pathasure Enteritis 4 is a sensitive and specific diagnostic kit based on the ELISA technology. The presence of infectious agents in tested samples is detected using highly specific antibodies and is revealed by means of a colour reaction easily detected by eye.

Pathasure Enteritis 4 is user friendly and can be used in veterinary laboratory as well as in clinics. All the required material (except purified water and some contents) is supplied with the kit. An ELISA plate reader is not necessary. Most reagents are ready to use and all are stable at 40C for several months.

The kit includes 12 strips of 8 breakable wells each (96 wells) which is very convenient when few samples have to be examined at once. One kit allows testing about 22 fecal samples for the four agents. You may test for the four agents at the same time or for some of them only (one well is needed to test for a given agent).

For further information visit our Web site at www.biovet-inc.com or contact customer service.

Rev. 2017-06-19

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