Comprehensive enteric virology testing solutions

Thermo Scientific™ ProSpecT™ enteric virology enzyme immunoassays are easy-to-use diagnostic tests from fecal specimens, for the rapid identification of:

- Adenovirus
- Astrovirus
- Rotavirus

**Same day results**

Easy to read results in two hours or less

**Easy to perform**

Ideal for routine testing and screening

**Convenient**

Room temperature incubation. Kits share common procedure and reagents
Enteric virology diseases

Symptoms of viral gastroenteritis can be difficult to differentiate from those caused by other pathogens, such as bacteria. The rapid, correct diagnosis of the cause of infection is important for both patient treatment and appropriate infection control measures.

The ProSpecT range of enteric virology products are sandwich enzyme immunoassays in a familiar microplate format, giving sensitive and specific results. The range covers the three viruses that most frequently cause diarrhea - adenovirus, astrovirus and rotavirus.

Thermo Scientific™ Xpect™ Rotavirus is a rapid, membrane-based assay for the qualitative detection of rotavirus antigens in human fecal specimens. The test is intended for use as an aid in the diagnosis of acute gastroenteritis caused by rotavirus infections.

Adenovirus

Adenoviruses are associated with a wide range of clinical diseases, including infections of the respiratory tract, conjunctiva and gastrointestinal tract. Serotypes 40 and 41 are commonly associated with viral gastroenteritis, commonly referred to as the ‘stomach flu’.

Astrovirus

Human astroviruses are increasingly being recognized as important causes of acute gastroenteritis in children under the age of five years. They have also been associated with outbreaks of gastroenteritis in hospitals, families, communities and adult institutions. ProSpecT Astrovirus uses label amplification to give increased sensitivity.

Rotavirus

Rotavirus infection is the most common cause of severe dehydrating diarrhea in young children worldwide. It is estimated that more than 600,000 deaths occur annually in children under the age of 5 years, predominantly in developing countries.¹

For more information about these and other enteric virology products, visit thermoscientific.com/microbiology