ADVANTAGES OF MOLECULAR TESTING

- Early detection and identification of pathogens
- Rapid turnaround time
- Avoid unnecessary use of antibiotics
- Minimize false positives
- Drug resistance profiling

Apollo Laboratory
Unmatched Customer Service
Quick Turnaround Time
One Swab Multiple Targets
Individual Pathogen Ordering
Available

Includes H-Pylori

Gastrointestinal Panel

Phone: (859) 320-0412
Fax: (888) 977-1886
3191 Beaumont Centre Circle
Suite 150
Lexington, Kentucky 40513
www.apollo-laboratory.com
info@apollo-laboratory.com
GASTROINTESTINAL PANEL

BACTERIA
- Campylobacter (jejuni, coli, and upsaliensis)
- Clostridium difficile (toxinA/B)
- Helicobacter pylori
- Plesiomonas shigelloides
- Salmonella
- Yersinia enterocolitica
- Vibrio (parahaemolyticus, vulnificus, and cholerae)
- Vibrio cholerae

DIARRHEAGENIC E. COLI/SHIGELLA:
- Enteroaggregative E. coli (EAEC)
- Enteropathogenic E. coli (EPEC)
- Enterotoxigenic E. coli (ETEC) It/st
- Shiga-like toxin-producing E. coli (STEC) stx1/stx2
- E. coli 0157
- Shigella/Enteroinvasive E.coli (EIEC)

PARASITES:
- Cryptosporidium
- Cyclospora cayetanensis
- Entamoeba histolytica
- Giardia lamblia

VIRUSES:
- Adenovirus F40/41
- Astrovirus
- Norovirus GI/GII
- Rotavirus A
- Sapovirus (I, II, IV & V)

MOLECULAR TESTING

Apollo Laboratory offers molecular testing utilizing polymerase chain reaction (PCR) to identify a broad spectrum of pathogens which cause human infections.

Molecular testing yields numerous advantages over traditional infectious disease testing techniques, such as cultures, by identifying pathogens with unparalleled accuracy, speed, specificity and sensitivity. Utilization of this designed methodology and advancements in instrumentation is allowing scientists to accomplish what could have taken days for an identification to a matter of hours.

Early identification of disease causing pathogens offers clinicians valuable diagnostic information to assist in detection, diagnosis and treatment of bacterial and viral infections.

Apollo Laboratory offers several panels which identify both bacterial and viral infections in one day with one simple specimen.

MOLECULAR TESTING Why Real Time PCR is a Superior Technique

- High specificity and sensitivity than traditional methods
- Less stringent swab storage requirement
- Identifies mixed infection with better accuracy and specificity
- Minimize false positives that are common with traditional methods due to error in collection, storage and transport
- Comprehensive panel that detect a broad range of targets
- Rapid Turnaround Time