



## QIAstat-Dx Meningitis/Encephalitis Panel

# For quick and accurate detection of central nervous system infections



Meningitis and encephalitis are medical emergencies. Rapid diagnosis and treatment initiation are crucial for successful patient outcomes. Traditional diagnostic methods alone involve multiple time-consuming tests and can take 2 days or more. Imagine getting 15 results in a little over an hour. Powered by our easy workflow and reliable multiplex PCR technology, the QIAstat-Dx Meningitis/Encephalitis Panel makes this possible.

- **Get comprehensive results fast**

- Detect and differentiate 15 pathogen targets in about an hour
- Support timely clinical decision-making and rapid therapeutic intervention

- **Set up your tests quickly and easily**

- All-in-one assay cartridges require less than one minute hands-on time
- Just 200  $\mu$ L cerebrospinal fluid with no precision pipetting required

- **Receive supportive information**

- Easily access Ct values and amplification curves for all detected pathogens



# Comprehensive pathogen coverage with QIAstat-Dx

## Bacterial

- *Escherichia coli* K1
- *Haemophilus influenzae*
- *Listeria monocytogenes*
- *Neisseria meningitidis* (encapsulated)

- *Streptococcus agalactiae*
- *Streptococcus pneumoniae*
- *Mycoplasma pneumoniae*
- *Streptococcus pyogenes*

## Viral

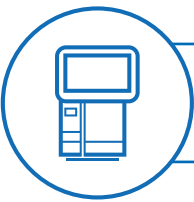
- Enterovirus
- Herpes simplex virus 1
- Herpes simplex virus 2
- Human herpes virus 6
- Human parechovirus
- Varicella zoster virus

## Fungal

- *Cryptococcus neoformans/gattii*\*

\**Cryptococcus neoformans*/*Cryptococcus gattii* are both detected, but not differentiated.

High overall clinical sensitivity (95.24% (CI, 90.50–97.67%)) and specificity (99.93% (CI 99.84–99.97%))†



QIAstat-Dx Meningitis/Encephalitis Panel runs on our modular QIAstat-Dx Analyzer.

## Ordering Information - Assay

Product	Contents	Cat. no.
QIAstat-Dx Meningitis/Encephalitis Panel	Six individually packaged cartridges containing all reagents needed for sample preparation and multiplex RT-real time PCR plus internal control, including six transfer pipettes	691611



Confidently detect central nervous system infections with QIAstat-Dx – learn more at [QIAGEN.com/QIAstat-Dx](https://www.qiagen.com/QIAstat-Dx)

† Data presented is for the QIAstat-Dx Meningitis/Encephalitis Panel (Cat. No. 691611); QIAstat-Dx Meningitis/Encephalitis Panel Instructions for Use. QIAGEN, April 2022

The QIAstat-Dx Analyzer is intended for in vitro diagnostic use.

The QIAstat-Dx ME Panel is indicated as an aid in the diagnosis of specific agents of meningitis and/or encephalitis and results must be used in conjunction with other clinical, epidemiological, and laboratory data. Results from the QIAstat-Dx ME Panel are not intended to be used as the sole basis for diagnosis, treatment, or other patient management decisions. Positive results do not rule out co-infection with organisms not included in the QIAstat-Dx ME Panel. The agent or agents detected may not be the definite cause of the disease. Negative results do not preclude central nervous system (CNS) infection. The QIAstat-Dx ME Panel is intended for in vitro diagnostic use by laboratory professionals only.

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Sample to Insight

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## Viral

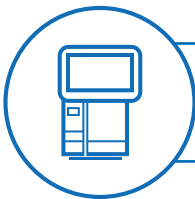
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## QIAstat-Dx Respiratory SARS-CoV-2 Panel

# For quick and accurate detection of respiratory infections



Influenza-like illnesses aren't just caused by influenza viruses. There are many possible bacterial and viral causes that result in similar, overlapping symptoms. As a result, diagnosing respiratory infections using traditional methods can be slow and challenging. Imagine getting 23 results in about an hour. Powered by our easy workflow and reliable multiplex PCR technology, the QIAstat-Dx Respiratory SARS-CoV-2 Panel makes this possible.

- **Get comprehensive results fast**

- Detect and differentiate 23 pathogen targets in about an hour
- Support timely clinical decision-making and rapid therapeutic intervention

- **Set up your tests quickly and easily**

- All-in-one assay cartridges require less than one minute hands-on time
- Dry swab or just 300 µL liquid transport medium with no precision pipetting required

- **Receive supportive information**

- Easily access Ct values and amplification curves for all detected pathogens



# Comprehensive pathogen coverage with QIAstat-Dx

## Viral

- SARS-CoV-2
- Influenza A
- Influenza A subtype H1N1/2009
- Influenza A subtype H1
- Influenza A subtype H3
- Influenza B
- Coronavirus 229E
- Coronavirus HKU1
- Coronavirus NL63
- Coronavirus OC43
- Parainfluenza virus 1
- Parainfluenza virus 2
- Parainfluenza virus 3
- Parainfluenza virus 4
- Adenovirus
- Respiratory syncytial virus A/B
- Human metapneumovirus A/B
- Bocavirus
- Rhinovirus/Enterovirus\*

## Bacterial

- *Mycoplasma pneumoniae*
- *Legionella pneumophila*
- *Bordetella pertussis*
- *Chlamydomphila pneumoniae*

\*Enterovirus and Rhinovirus are both detected, but not differentiated, with the QIAstat-Dx Respiratory SARS-CoV-2 Panel.



QIAstat-Dx Respiratory SARS-CoV-2 Panel runs on both our modular **QIAstat-Dx Analyzer** and higher-throughput **QIAstat-Dx Rise**.

## Ordering Information - Assay

Product	Contents	Cat. no.
QIAstat-Dx Respiratory SARS-CoV-2 Panel	Six individually packaged cartridges containing all reagents needed for sample preparation and multiplex RT-real time PCR plus internal control, including six transfer pipettes	691214



Confidently detect respiratory infections with QIAstat-Dx – learn more at [QIAGEN.com/QIAstat-Dx](https://www.qiagen.com/QIAstat-Dx)

The QIAstat-Dx Analyzer, QIAstat-Dx Rise and QIAstat-Dx Respiratory SARS-CoV-2 Panel are intended for in vitro diagnostic use.

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Sample to Insight

# Comprehensive pathogen coverage with QIAstat-Dx

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## QIAstat-Dx Gastrointestinal Panel 2

# For quick and accurate detection of gastrointestinal infections



Traditional diagnostic methods for gastrointestinal infections, including bacterial culture, can be slow and cumbersome. They often aren't very sensitive and provide low diagnostic yield. Imagine getting 22 results in about an hour. Powered by our easy workflow and reliable multiplex PCR technology, the QIAstat-Dx Gastrointestinal Panel 2 makes this possible.

- **Get comprehensive results fast**

- Detect and differentiate 22 pathogen targets in about an hour
- Support timely clinical decision-making and rapid therapeutic intervention

- **Set up your tests quickly and easily**

- All-in-one assay cartridges require less than one minute hands-on time
- Just 200  $\mu$ L liquid transport medium with no precision pipetting required

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# Comprehensive pathogen coverage with QIAstat-Dx

## Bacterial

- *Campylobacter* (*C. jejuni*, *C. upsaliensis*, *C. coli*)
- *Clostridium difficile* (toxin A/B)
- Enteroaggregative *E. coli* (EAEC)
- Enteroinvasive *E. coli* (EIEC)/*Shigella*
- Enteropathogenic *E. coli* (EPEC)
- Enterotoxigenic *E. coli* (ETEC) *lt/st*
- *Plesiomonas shigelloides*
- *Salmonella* spp.
- Shiga-like toxin-producing *E. coli* (STEC) *stx1/stx2*\* (including specific identification of *E. coli* O157 sero-group within STEC)
- *Vibrio vulnificus*
- *Vibrio parahaemolyticus*
- *Vibrio cholerae*
- *Yersinia enterocolitica*

## Viral

- Adenovirus F40/41
- Astrovirus
- Norovirus (GI, GII)
- Rotavirus A
- Sapovirus (GI, GII, GIV, GV)

## Parasitic

- *Cryptosporidium*
- *Cyclospora cayetanensis*
- *Entamoeba histolytica*
- *Giardia lamblia*

\*Toxin content of STEC (*stx1* and/or *stx2*) is reported by the QIAstat-Dx Gastrointestinal Panel 2



QIAstat-Dx Gastrointestinal Panel 2 runs on both our modular **QIAstat-Dx Analyzer** and higher-throughput **QIAstat-Dx Rise**.

## Ordering Information - Assay

Product	Contents	Cat. no.
QIAstat-Dx Gastrointestinal Panel 2	Six individually packaged cartridges containing all reagents needed for sample preparation and multiplex RT-real time PCR plus internal control, including six transfer pipettes	691412



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