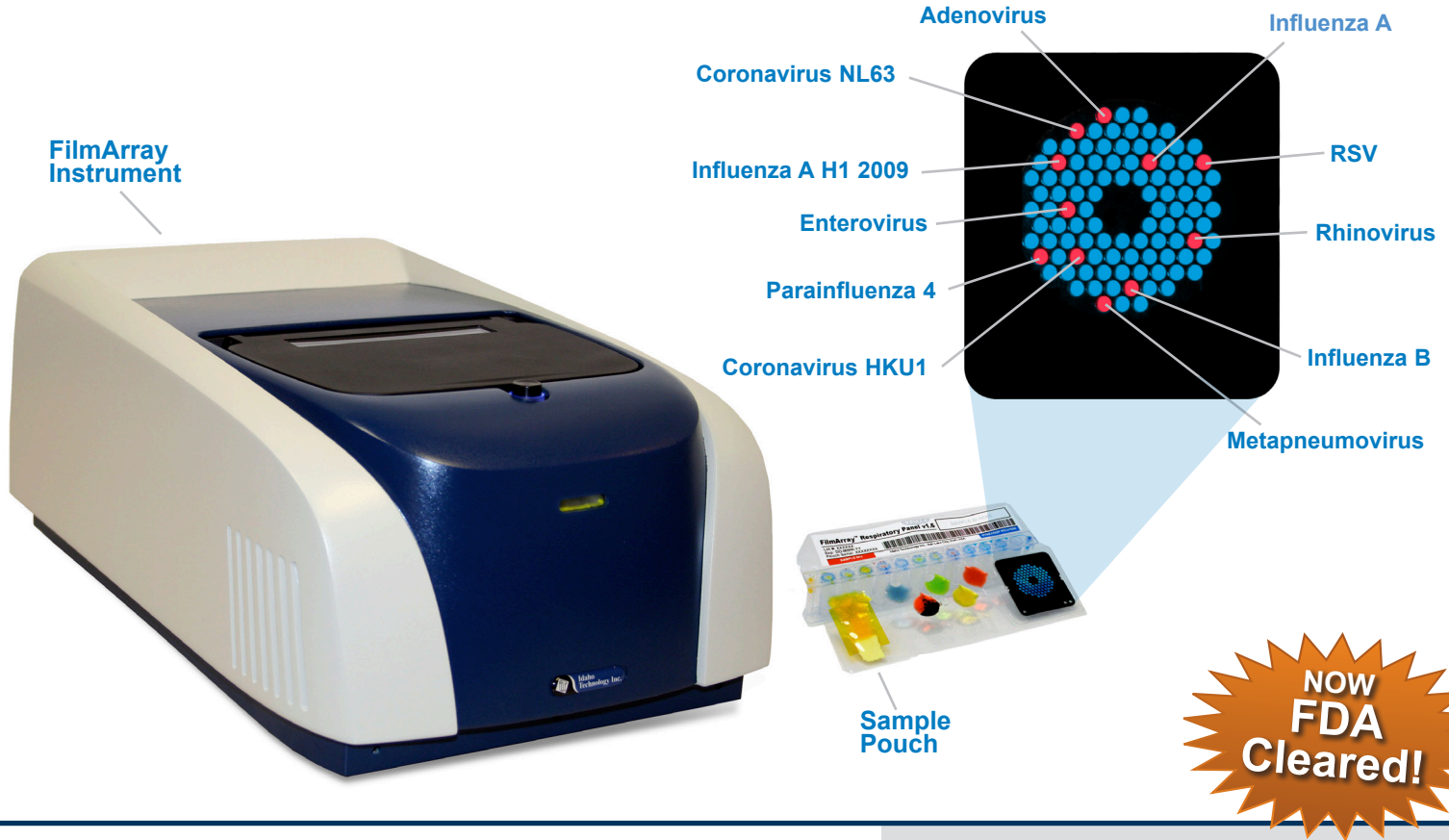


FilmArray[®] Respiratory Panel

For In-vitro Diagnostic Use

Information Sheet



The FilmArray: User-Friendly Multiplex PCR

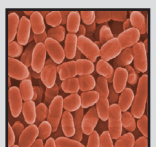
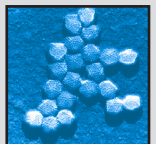
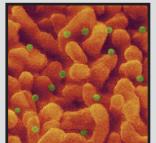
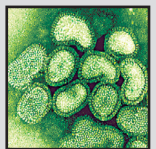
The FilmArray Respiratory Panel tests for a comprehensive panel of respiratory pathogens which cause URIs. The FilmArray integrates sample preparation, amplification, detection, and analysis into one simple system that requires 2 minutes of hands on time and has a total run time of 1 hour.

- **Simple:** Two minutes of hands on time
- **Easy:** No precise measuring or pipetting required
- **Fast:** Turnaround time of one hour
- **Comprehensive:** 15 target respiratory panel

The FilmArray Respiratory Panel

Simultaneous detection of 15 targets:

- Adenovirus
- Coronavirus HKU1
- Coronavirus NL63
- Influenza A
- Influenza A H1
- Influenza A H1 2009
- Influenza A H3
- Influenza B
- Metapneumovirus
- Parainfluenza 1
- Parainfluenza 2
- Parainfluenza 3
- Parainfluenza 4
- Respiratory Syncytial Virus
- Rhinovirus / Enterovirus



FREE Demo! If you are interested in a free, no obligation demonstration of the FilmArray in your laboratory visit www.filmarray.com or call 1-800-735-6544.

Upper Respiratory Tract Infections (URTI)

It is estimated that adults get 2-4 upper respiratory tract infections each year while children average 6-12 upper respiratory tract infections a year. The estimated economic impact of non-influenza related upper respiratory tract infections is \$40 billion annually in the US. ¹

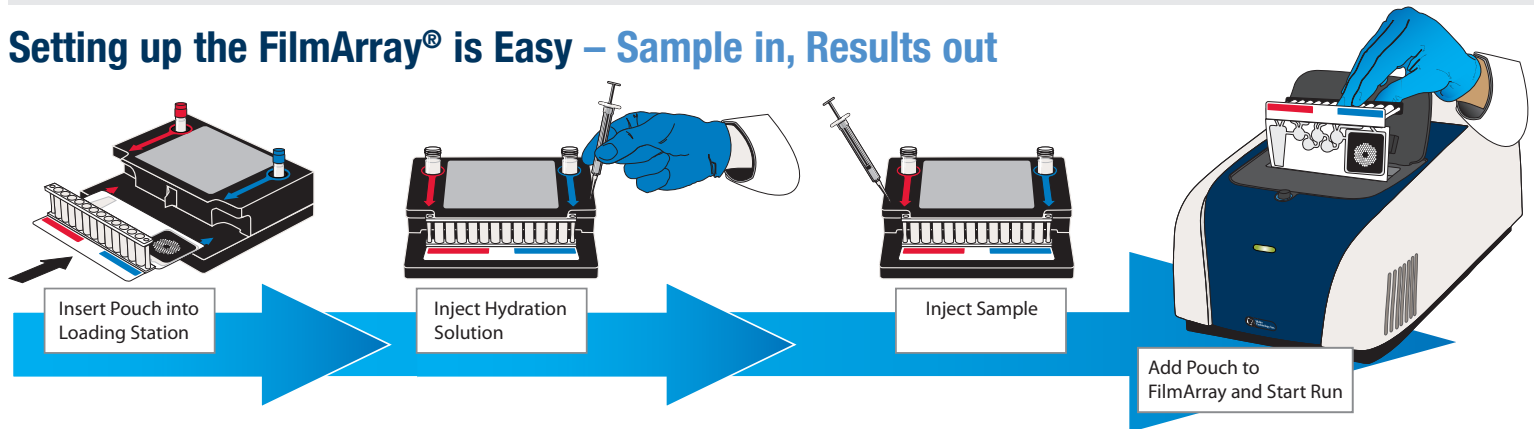
A respiratory tract infection can be the result of one of dozens of viral or bacterial pathogens. The symptoms caused by these different pathogens are nearly indistinguishable, but how a healthcare provider chooses to treat a respiratory infection may depend greatly on a rapid and accurate diagnosis of the responsible pathogen.

Unfortunately, rapidly delivering accurate results has been a challenge for traditional diagnostic methods. This potentially increases the chance that patients remain undiagnosed or misdiagnosed and may end up not receiving critical medications, or receive unnecessary antibiotics.

Rapid and accurate diagnostic testing for respiratory pathogens may aid healthcare providers in diagnosing patients, which may improve patient management, help limit the spread of disease, and reduce overall healthcare costs.



Setting up the FilmArray® is Easy – Sample in, Results out



Clinical Sensitivity and Specificity of the FilmArray Respiratory Pouch

Virus	Sensitivity		Specificity
	Prospective	Retrospective	Prospective
Adenovirus	88.9%	100%	98.3%
Coronavirus HKU1	95.8%	n/a	99.8%
Coronavirus NL63	95.8%	n/a	100%
Human Metapneumovirus	94.6%	n/a	99.2%
Human Rhinovirus/Enterovirus	92.7%	95.7%	94.6%
Influenza A	90.0%	100%	99.8%
Influenza A/H1	n/a	100%	100%
Influenza A/H3	n/a	100%	100%
Influenza A/H1-2009	88.9%	100%	99.6%
Influenza B	n/a	100%	100%
Parainfluenza Virus 1	100%	97.1%	99.9%
Parainfluenza Virus 2	87.4%	100%	99.8%
Parainfluenza Virus 3	95.8%	100%	98.8%
Parainfluenza Virus 4	100%	100%	99.9%
Respiratory Syncytial Virus	100%	n/a	89.1%

1. Cooper RJ, Hoffman JR, Bartlett JG, et al: Principles of appropriate antibiotic use for acute pharyngitis in adults: Background. Ann Intern Med. 2001, 134: 509-517.

The purchase of FilmArray System includes a limited, non-transferable license under U.S. Patent No. 5,871,908, owned by Evotec Biosystems GmbH and licensed to Roche Diagnostics GmbH, to use only the enclosed amount of product according to the specified protocols. No right is conveyed, expressly, by implication, or by estoppel, to use any instrument or system under any claim of U.S. Patent No. 5,871,908, other than for the amount of product contained herein.

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