

maripoc



The true solution for rapid diagnostics
of acute infections



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ArcDia International Ltd.

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Made in Finland





mariPOC[®] optimizes hospital processes, improves patient care and reduces unnecessary antibiotic use!



1. Examine the patient



2. Select the applicable mariPOC[®] test



3. Take a sample



4. Run an automatic mariPOC[®] analysis for use in evidence-based medicine

mariPOC[®] is an **automated test system** for the rapid multianalyte identification of acute infectious disease pathogens. mariPOC[®] can be used in all areas of patient care. mariPOC[®] combines specific gene expression testing with **unique** laser-based **TPX detection technology**. The innovative mariPOC[®] technology's advantages include superior **sensitivity, specificity and efficiency**.

The technology includes sophisticated lab-level autoverification of a sample analysis to ensure **utmost reliability**. The intuitive user interface displays the results of the automated fluorescence reading, and the system enables bidirectional connection to a LIS. The test system provides **qualitative or quantitative** results depending on the user's needs.

mariPOC[®] is a walk-away device that is very **easy to use**. The device can be operated after a short introduction. The **short hands-on time** is 1 to 3 minutes depending on the test being performed.

Why choose mariPOC®?

Cost-efficient solution

Rapid results minimize delays in diagnosis and reduce the turnaround time.

Sensitive & Specific

mariPOC® provides results with central laboratory accuracy near the patient.

High throughput

mariPOC® enables the continuous feed of new samples, allowing the analysis of more than 50 samples during a single work shift!

Flexible test plate change

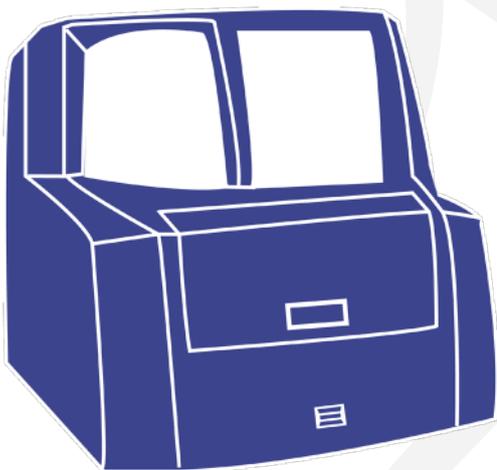
It is possible to run multiple applications on a single device.

LIS connectability

mariPOC® can be connected to a LIS for ease of use and to prevent human errors.

Automated analysis and result reporting

This feature ensures truly reliable results with every measurement.



Performance

Test	mariPOC® compared to	Sensitivity	Specificity	N
	PCR			
Respi+	SARS coronavirus 2	92.3%	100%	211
	Influenza A virus	92.3%	98.8%	899
	Influenza B virus	88%	100%	192
	RSV	89%	100%	158
	Bacterial culture			
Pharyn	Group A streptococci	Pharyn 150% Quick StrepA 100%	100%	219
	Immunochromatography			
CDI	<i>C.difficile</i> GDH	100%	98.8%	188
	<i>C.difficile</i> toxins A/B	> 100%	100%	188



Thomas E. et al. 29th ECCMID 2019, Amsterdam, Netherlands. Abstract and poster #P0114.
 Sanbonmatsu-Gámez S. et al. (2015) *Diagn Microbiol Infect Dis.* 83:252-256.
 Ivaska L. et al. (2013) *J Clin Virol.* 57:136-140.
 Vakkila J. et al. (2015) *J Clin Microbiol.* 53:2079-2083.

for influenza-like illnesses



Respi+

SARS coronavirus 2
Influenza A virus
Influenza B virus
Respiratory syncytial virus
Human metapneumovirus
Human coronavirus OC43
Parainfluenza viruses 1, 2, 3
Adenovirus
Streptococcus pneumoniae

Quick Flu+

SARS coronavirus 2
Influenza A virus
Influenza B virus
Respiratory syncytial virus

for pharyngitis

Pharyn

Group A streptococci
Adenovirus

Quick StrepA

Group A streptococci

for gastroenteritis



Gastro

Norovirus GII.4
Norovirus GI
Rotavirus
Adenovirus
Campylobacter spp.

for *Clostridium difficile* infection

CDI

C. difficile GDH
C. difficile Toxins A & B

Ensure correct pathogen-specific diagnosis and treatment with mariPOC®'s broad test panels!

REF	Test plate	mariPOC® test	Tests/ plate
1184M	mariPOC® Respi+	Respi+	22
1194M	mariPOC® RTI combi+	Respi+, Quick Flu+ Pharyn, Quick StrepA	22 22
1204S	mariPOC® SARS-CoV-2	SARS-CoV-2	308
1124M	mariPOC® Pharyn	Pharyn, Quick StrepA	66
1214M	mariPOC® Quick combi+	Quick Flu+ Quick StrepA	22 22
2017M	mariPOC® Gastro	Gastro	44
2027M	mariPOC® Gastro CDI combi	Gastro CDI (GDH + Toxins A/B)	44 44
2017M	mariPOC® CDI	CDI (GDH + Toxins A/B)	44

