

MIKROGEN

DIAGNOSTIK



ampliCube BORN TO TEST

Fully automated molecular diagnostics
for infectious diseases

Born to be safe –
IVDR certified system

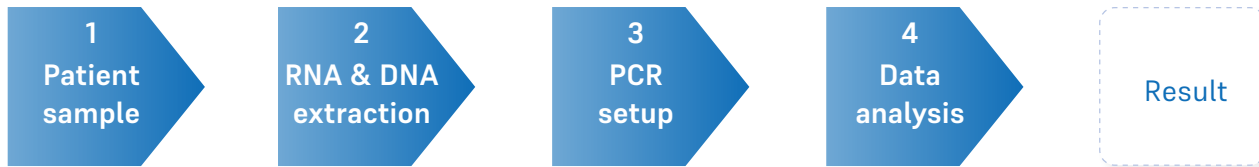
Born to be productive –
True walk away

Born to be versatile –
Comprehensive portfolio

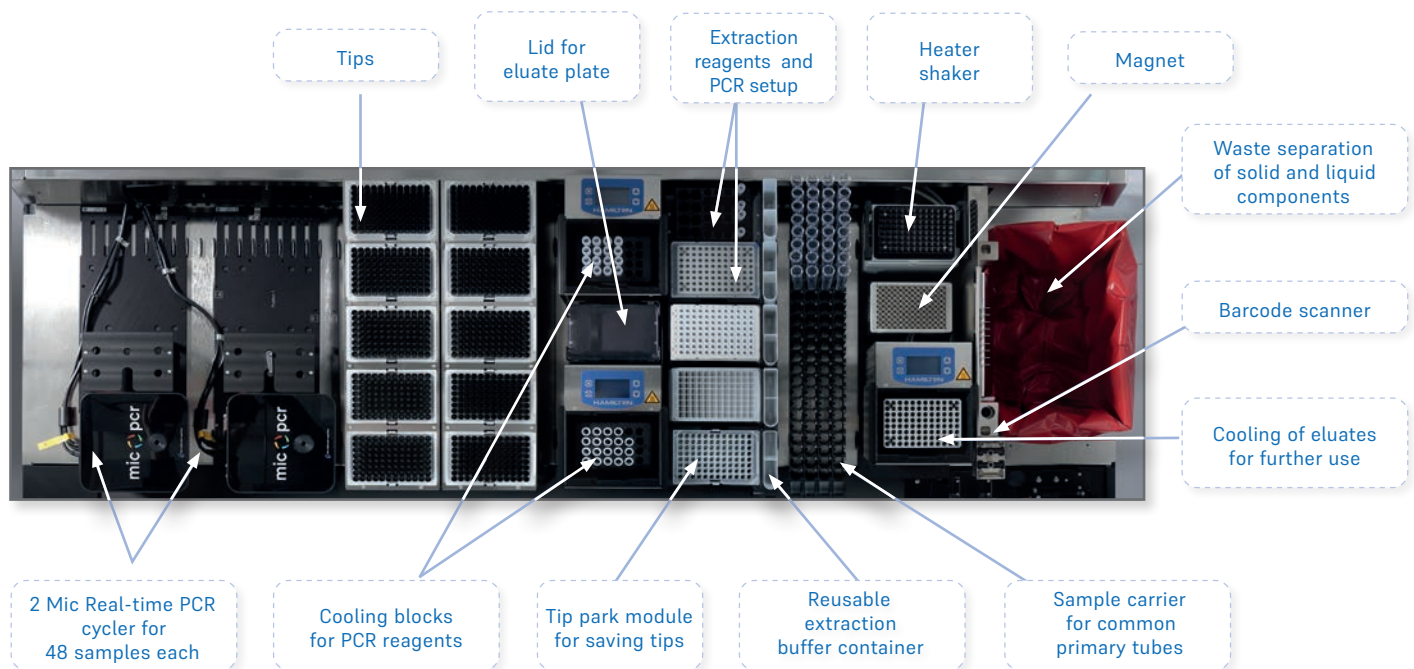
ampliCube

COMPLETE WALK AWAY – A BETTER USE OF YOUR TIME!

Fully automated workflow – from sample to result



Smart component arrangement



Technical data

Dimensions (H/W/D)	903 x 1664 x 795 mm
Weight	Approx. 170 kg
Capacity	Up to eight parallel <i>ampliCube</i> assays
Sample throughput	96 reactions/runs 288 reactions/24 hours < 4 hours /96 reactions
Preparation and follow-up	Hands-on approx. 25 min – start, loading and unloading Cleaning daily 5-10 min plus 15 min UV light, weekly 10-15 min
Decontamination	Built-in UV lamp
LIS connection	Possible

ampliCube BORN TO TEST



Born to be safe

Thinking ahead early
IVDR certified system

Precisely documented
Tracking the complete workflow

Intelligently interpreted
Automated data analysis with curve display

Born to be productive

Efficiently utilised
True walk away option up to result

Flexible design
Complete workflow, extraction & PCR setup for external cyclers, only extraction or only PCR setup & amplification.

Saving resources
Reuse of the cooled eluates

Born to be versatile

Strongly positioned
Comprehensive portfolio for infection diagnostics

Targeted use
Detection of respiratory, gastrointestinal and sexually transmitted pathogens

Cleverly combined
Predefined combinations of *ampliCube* PCR kits depending on the targeted issues and requirements

ampliCube BORN TO BE FLEXIBLE

The full spectrum of possibilities –
ampliCube panel or pathogen groups

ampliCube pathogen groups

Respiratory infections	Green	Yellow	Orange	Red	Art. no.	A	B	D	E	F	G	H
						59977	59979	59961	59975	59976	59965	59966
ampliCube Coronavirus Panel	MERS-CoV	SARS-Beta-CoV/ Sarbeco (screening)	HCoV (229E, HKU1, NL63, OC43)	IC*	50142	x	x	x	x	-	-	-
ampliCube Coronavirus SARS-CoV-2	SARS-Beta-CoV/ Sarbeco (screening)	SARS-CoV-2 (confirmation)	-	IC*	50143	-	-	-	-	x	-	-
ampliCube Respiratory Flu & SARS-CoV-2	Influenza A	Influenza B	SARS-CoV-2	IC*	50163	-	-	-	-	-	-	-
ampliCube Respiratory Bacterial Panel 1.1	Chlamydia pn.	Mycoplasma pn.	Legionella pn.	IC*	50151	x	x	x	-	-	x	x
ampliCube Respiratory Bacterial Panel 2	Bordetella pertussis	Bordetella parapertussis	Bordetella holmesii	IC*	50111	-	-	x	-	-	x	x
ampliCube Respiratory Bacterial Panel 3	Streptococcus pn.	Staphylococcus aureus	Haemophilus influenzae	IC*	50121	-	x	x	-	-	x	-
ampliCube Respiratory Bacterial Panel 4	Moraxella catarrhalis	Klebsiella pn./oxytoca	-	IC*	50131	-	-	-	-	-	x	-
ampliCube Respiratory Viral Panel 1	Influenza A	Influenza B	Influenza A H1N1	IC*	50102	x	x	x	x	-	-	-
ampliCube Respiratory Viral Panel 2	Parainfluenza 1-4	Bocavirus	-	IC*	50112	x	x	x	x	-	-	-
ampliCube Respiratory Viral Panel 3	Parechovirus	Metapneumovirus	RSV (A,B)	IC*	50122	x	x	x	x	-	-	-
ampliCube Respiratory Viral Panel 4	Rhino-/Enterovirus	-	Adenovirus	IC*	50132	x	x	x	x	-	-	-
ampliCube Respiratory Viral Panel 5	Influenza A	Influenza B	RSV (A,B)	IC*	50152	-	-	-	-	x	-	-
Sexually transmitted infections	Green	Yellow	Orange	Red	Art. no.	Q	R					
						59983	59985					
ampliCube STD Panel 1	Chlamydia trachomatis	Neisseria gonorrhoeae	Mycoplasma genitalium	IC*	50301	x	x					
ampliCube STD Panel 2.1	Trichomonas vaginalis	Mycoplasma hominis	Ureaplasma urealyticum	IC*	50322	x	x					
ampliCube STD Panel 3	HSV 1/2	Treponema pallidum	-	IC*	50303	x	-					
Gastrointestinal infections	Green	Yellow	Orange	Red	Art. no.	U	V	W				
						59989	59981	59982				
ampliCube Gastrointestinal Bacterial Panel 1	Campylobacter	Salmonella	Yersinia enterocolitica	IC*	50001	x	x	-				
ampliCube Gastrointestinal Bacterial Panel 2	VTEC (STX1+2)	Shigella/EIEC	ETEC	IC*	50011	x	x	-				
ampliCube Gastrointestinal Viral Panel 1	Norovirus (GI+II)	Rotavirus	Adenovirus	IC*	50002	x	-	x				
ampliCube Gastrointestinal Viral Panel 2	Sapovirus	-	Astrovirus	IC*	50012	x	-	x				

* Internal Control

alphaClean – Kit Portfolio

Products and reagents for sample preparation	VPE	Art. no.
alphaClean Mag RNA/DNA Extraction based on magnetic beads for the isolation of nucleic acids (RNA/DNA) from clinical sample materials	200 isolations	831002
	800 isolations	831028
alphaClean Proteinase K	200 mg	831025
	800 mg	831031

Full automation system

ampliCube		31356
Any additional required items can be obtained through Mikrogen		