

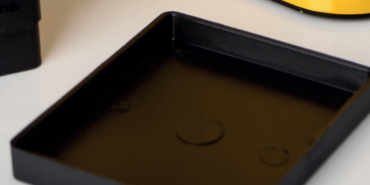


RIDA® CYCLER

The multiplex real-time PCR instrument

User-friendly magnetic induction real-time PCR system
for SureFood® and SureFast® PCR kits

- Easy to use
- Fast
- Compact

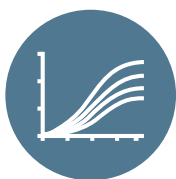


Distributed by
R-Biopharm AG
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www.r-biopharm.com

Features



Connectivity
Operate several instruments



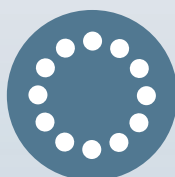
Versatility
4 optical channels



User-friendliness
Easy software set-up with pre-loaded thermoprofiles



Accuracy
High temperature accuracy & first class temperature uniformity due to magnetic induction



Design
No extra centrifuge needed



Size
Compact qPCR instrument

General			
Dimensions	130 x 150 x 150 mm (H x W x L)		
Weight	2.1 kg		
Optical			
Detectors	Photodiode per channel		
Excitation Sources	High power LED for each channel		
4 Channels	Green	Ex 465nm	Em 510nm
	Yellow	Ex 540nm	Em 570nm
	Orange	Ex 585nm	Em 618nm
	Red	Ex 635nm	Em 675nm
Performance			
Tube format	0.1mL strips of four tubes and matching caps 48 samples per instrument		
Thermal performance	Temperature accuracy: ± 0.25 °C		
	Temperature uniformity: ± 0.05 °C		
	Ramp rates		
	Heating: 4 °C/s (fast mode) Cooling: 3 °C/s (fast mode)		

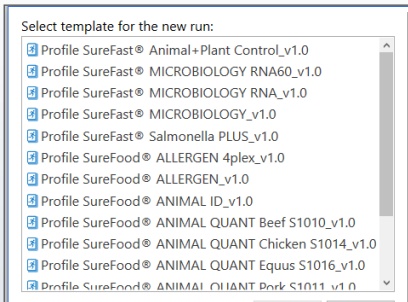
Calibration
No calibration required – RIDA®CYCLER is a non-contact system. The rotor is not in contact with anything physical just the induction field.
Computer minimum requirements
<ul style="list-style-type: none"> Windows® 7, 32-bit Operating System (English version) .NET Framework 4.5 or higher Intel i5 processor, 2.4 GHz 4 GB of RAM 1 GB free hard drive capacity
<ul style="list-style-type: none"> Pointer device USB Drive Adobe® Reader® must be installed to be able to view reports in PDF format Bluetooth®, if this is the preferred connection

RIDA® CYCLER Software

qPCR Run

User-friendly software set up with all SureFast® and SureFood® assays pre-loaded.
Start the qPCR run in only 4 steps:

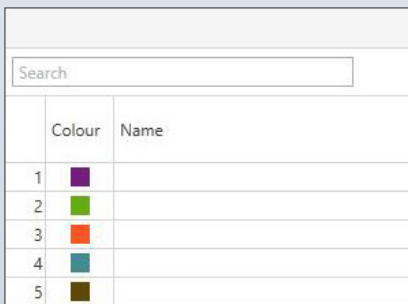
1 Select the template



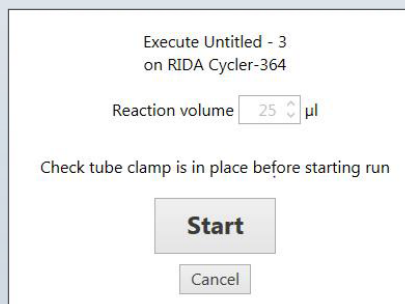
2 Select the Assay(s)



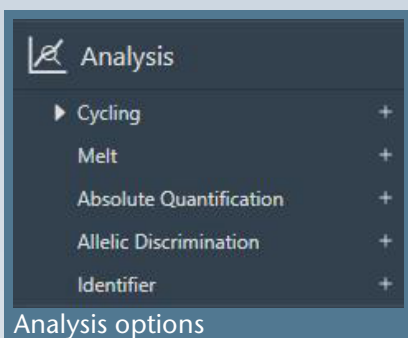
3 Enter Samples Names



4 Start Run



Results



Report 20190411 UA-7 Mustard

Cycling: Mustard

Target	S3609 SureFood® ALLERGEN Mustard → Mustard
Normalisation	Dynamic
Exclusion	Extensive with fluorescence cutoff of 5%
Threshold	0,787 (Automatic) starting at cycle 1

Well	Colour	Sample Name	Cq	Efficiency	Efficiency R ²	Result
1	■	Sample 1a	34,05	0,61	0,99284	
2	■	Sample 1b	35,16	0,48	0,99007	
3	■	Sample 1c	35,46	0,44	0,98334	

Report options: Configure the report as needed and export it e.g. as PDF

Ordering information

Product	Description	Art. No.
RIDA®CYCLER	4 channel qPCR instrument, incl. 1 box of tubes	ZRCYCLER
RIDA®CYCLER-MIC-Tubes	Box with 960 tubes and caps	ZRC-MIC-TUBES

SureFast® and SureFood® real-time PCR Kits

All kits are validated on the RIDA®CYCLER

Product range:

- Allergens
- GMO
- Animal species
- Microbiology



**SureFood®/SureFast®
real-time PCR kits**
Product Overview

Benefits

Size – qPCR instrument with a small footprint

Modular – Connect multiple instruments wireless to one PC

Convenient – Pre-loaded assays – no more programming

Reliable results – Verified for SureFast® and SureFood® real-time PCR Kits

• **Simple**

• **Fast**

• **Accurate results**

For further information please visit: www.r-biopharm.com