SOLIS BIODYNE

Room Temperature Stable PCR and qPCR Reagents

NEW!
SARS-CoV-2 detection

QUALITY SYSTEM CERTIFICATION DNV ISO 9001

QUALITY SYSTEM CERTIFICATION DNV ISO 13485

SOLIS BIODYNE OÜ
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solisbiodyne.com

About us

- Established in 1995
- Leading stable PCR reagent supplier
- Trusted trademark in 110+ countries
- 70 catalogue products + custom solutions
- 70% revenue from diagnostic sector
- Patents in EU, US and South Korea
- ISO 9001 and ISO 13485 certified

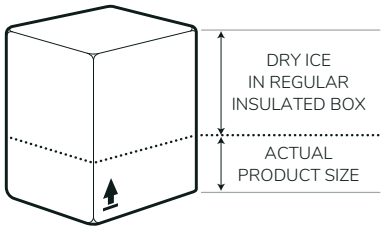
Evolution of Product Portfolio

2023	PIPELINE: LAMP solutions
2022	PIPELINE: Lyo products
2022	SARS-CoV-2 RT-qPCR kit (RUO)
2020	One-step solutions for SARS-CoV-2
2020	One-step Dye-based RT-qPCR
2019	SolisFAST® product range
2018	One-step probe-based RT-qPCR
2018	Multiplex qPCR Master Mixes
2017	cDNA synthesis Kits and Mixes
2017	FIREScript® and SOLIScript®
2015	Multiplex PCR Master Mix
2008	qPCR Master Mixes
2003	HOT FIREPol® and Master Mixes
1997	FIREPol® and Master Mixes
1995	Established

Stability TAG technology

All our enzymes are genetically modified with a „Stability TAG“ – this ensures the enzymes are fully active even after staying **at room temperature for 30 days!** All our reagents are suitable for room temperature reaction set-up and are **shipped without ice**.

No need to pay for shipping the ice



Our (q)PCR Master Mixes are 5x concentrated

5x advantages (over 2x mixes)

- More reactions from the same volume
- More space for low-concentrated sample
- More space for primers and probes
- Better stability
- Best fit for multiplex reactions

We offer

- High quality stable **PCR**, **qPCR** and **reverse transcription** reagents
- Great lot-to-lot consistency
- Custom-made solutions
- Personalized technical support
- Fast service and delivery
- Best value for money
- FREE samples

COMPARISON OF OUR 5X MIX TO A STANDARD 2X MIX

	Vial size	Reactions (20 µl final volume)
2x Standard Mix	1 ml	100 rxn
5x Solis BioDyne Mix	1 ml	**250 rxn**

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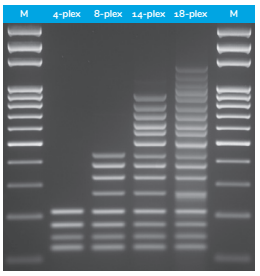
For more information visit **solisbiodyne.com**

Key products

Endpoint PCR

HOT FIREPol® MultiPlex Mix

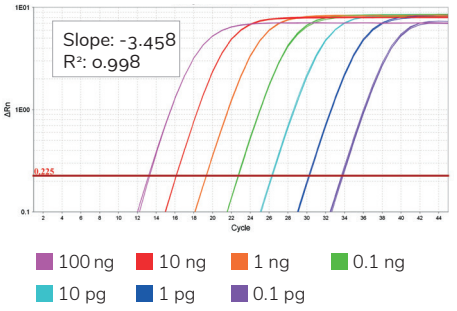
- Analyze **multiple targets** per reaction
- High **sensitivity** and **yield**
- Increased **specificity**



Dye-based qPCR

HOT FIREPol®
SolisGreen® qPCR Mix

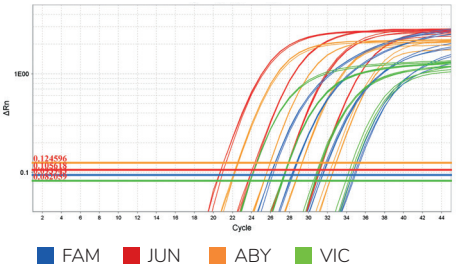
- Higher fluorescence level
- Highly **sensitive**
- Extremely **stable**
- Suitable for **commercial** use



Probe-based qPCR

HOT FIREPol®
Multiplex qPCR Mix

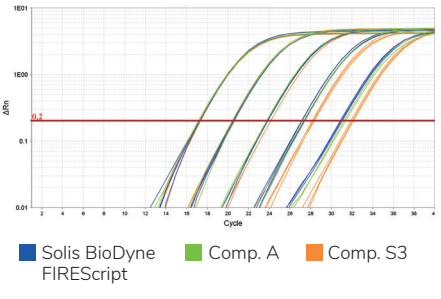
- Analyze **1-4 targets** in 1 reaction
- Robust with **GC-rich** targets
- Optional **ROX** or **Purple** passive reference dye



First-strand cDNA synthesis

FIREScript® cDNA synthesis Mix

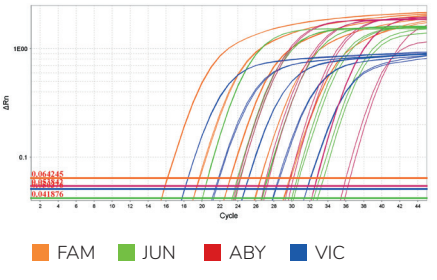
- For robust two-step RT-PCR and RT-qPCR
- Fast **15 min** cDNA synthesis
- Wide application range **37-60°C**
- Suitable for complex templates



1-step probe-based RT-qPCR

SOLIScript® 1-step Multiplex Probe Kit

- cDNA synthesis and probe-based qPCR in **one tube**
- Excellent performance with up to **4 targets**
- Optional **ROX** or **Purple** passive reference dye
- Superior **specificity**

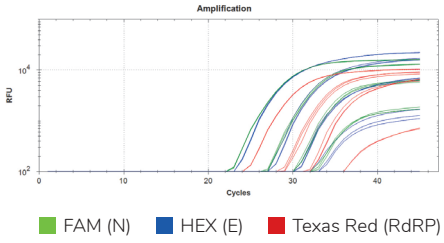


New releases

SARS-CoV-2 detection using purified RNA

SOLIScript® SARS-CoV-2 RT-qPCR Multiplex Assay Kit 2.0

- High **specificity**
- Great analytical **sensitivity**
- Tested and confirmed in **clinical setting**.
- Suitable for **screening**
- Excellent for **high throughput** workflow.
- Fast results – one-step RT-qPCR test results in **one hour**
- Contains **primers, probes and positive control**.



SolisFAST® product range

Fast endpoint PCR

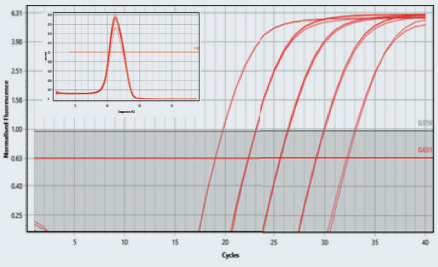
SolisFAST® Master Mix

- Reliable results in **single-** and **multiplex** assays
- High **specificity** and **yield**
- PCR results in less than **30 minutes**
- **dUTP/UNG** containing Mix available

Fast dye-based qPCR

SolisFAST® SolisGreen® qPCR Mix

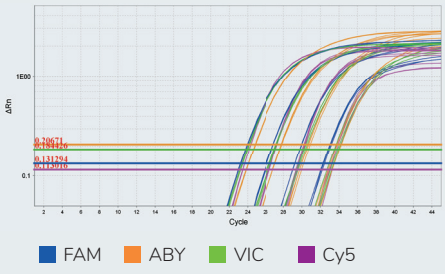
- **Accurate** dye-based quantification
- Excellent performance with **low-concentrated** samples
- Optional **ROX** passive reference dye
- **2x faster protocols** compared to standard dye-based qPCR



Fast probe-based qPCR

SolisFAST® Probe qPCR Mix

- **Accurate** probe-based quantification in **up to 5-plex** assays
- Excellent performance with **low-concentrated** samples
- Optional **ROX** and **Purple** passive reference dyes
- **2x faster protocols** compared to standard probe-based qPCR
- **dUTP/UNG** containing Mix available
- Remarkable tolerance to common PCR inhibitors
- Exceptional stability



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For further details and ordering please contact

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