



SOLIS  
BIODYNE

25 YEARS ANNIVERSARY

# Room Temperature Stable PCR and qPCR Reagents

**NEW!**

SolisFAST®  
product range



SOLIS BIODYNE OÜ

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# About us



Established in 1995



Leading stable PCR reagent supplier



Trusted trademark in 110+ countries



55+ catalogue products



60% revenue from diagnostic sector



Patents in EU, US and South Korea

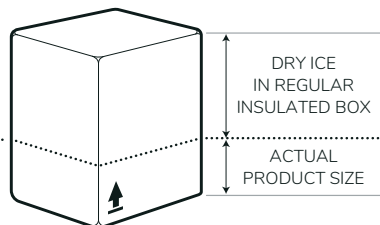


ISO 9001 and ISO 13485 certified

## 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.**

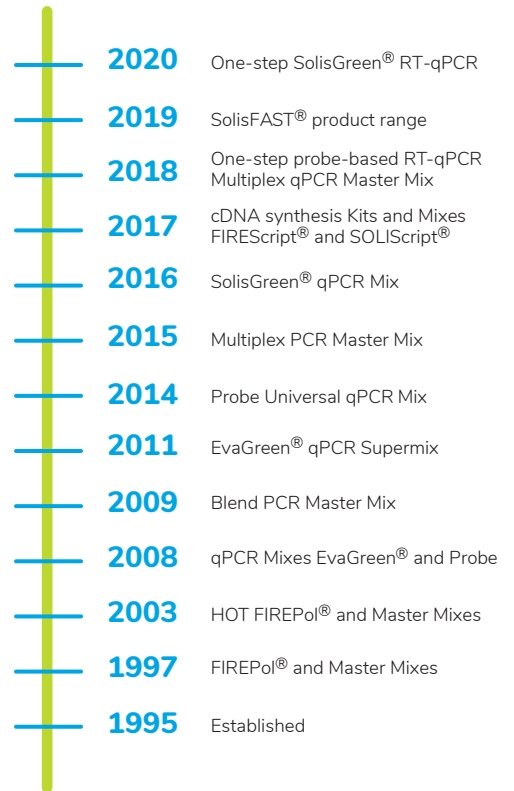
No need to pay  
for shipping the ice



## 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

## Evolution of Product Portfolio



## 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

### 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	<b>250 rxn</b>



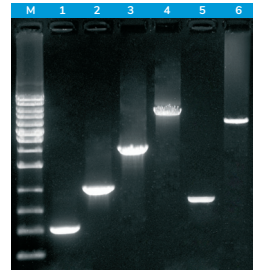
For more information visit [solisbiodyne.com](https://solisbiodyne.com)

# Key products

## Endpoint PCR

### HOT FIREPol® Blend Master Mix

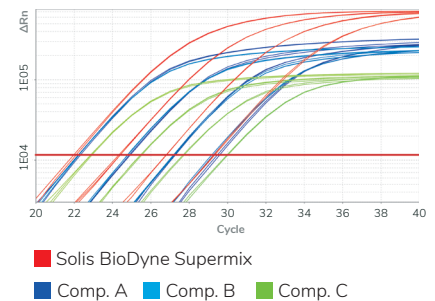
- Contains proofreading enzyme
- Up to **5x higher fidelity** compared to Taq alone
- Higher yield, specificity and sensitivity



## Dye-based qPCR

### HOT FIREPol® EvaGreen® qPCR Supermix

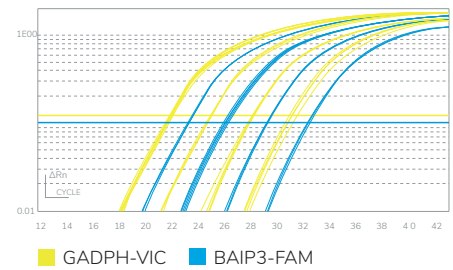
- Stable, safe and **sensitive** EvaGreen® dye
- Suitable for **GC-rich** targets
- Contains **blue visualisation dye**
- Contains **dUTP** for UNG decontamination protocols



## Probe-based qPCR

### HOT FIREPol® Probe Universal qPCR Mix

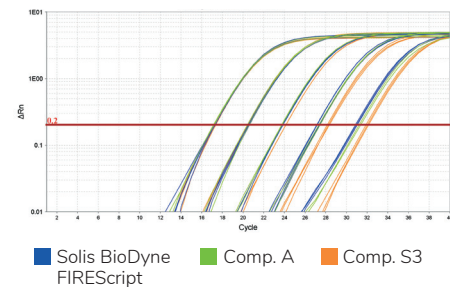
- Excellent **2-plex** performance
- Suitable for **GC-rich** targets
- Suitable for all cyclers
- Contains **dUTP** for UNG decontamination protocols



## First-strand cDNA synthesis

### FIREScript® cDNA synthesis Mix

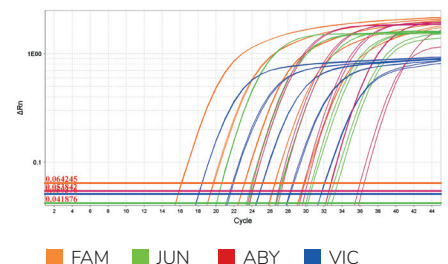
- For robust two-step RT-PCR and RT-qPCR
- Fast **15 min** cDNA synthesis
- Wide application range **37-60°C**
- Suitable for complex templates



## 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**



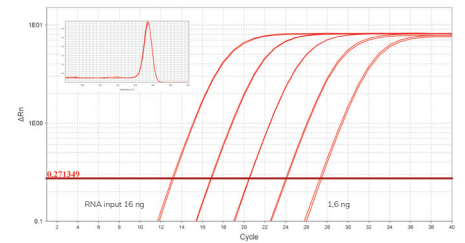
# New releases

## 1-step dye-based RT-qPCR

Available from April 2020

### SOLIScript® 1-step SolisGreen® Kit

- cDNA synthesis and dye-based qPCR in **one tube**
- High **sensitivity** and **yield**
- Compatible with **most** cyclers
- Consistent results with low RNA input



## SolisFAST® product range

### Fast endpoint PCR

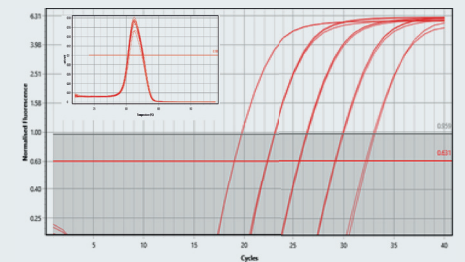
- SolisFAST® Master Mix
- Reliable results in **single-** and **multiplex** assays
- High **specificity** and **yield**
- PCR results in less than **30 minutes**
- **dUTP/UNG** containing Mix available



### 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

