

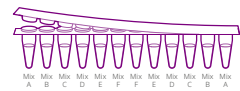


Check & Trace Salmonella 2.0 – Step-by-step guide



Test components

Kit contents

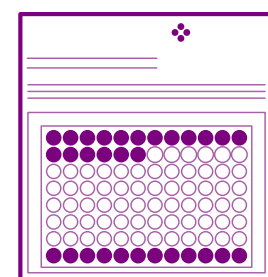
Sample Buffer		Ready-to-use
PCR Master Mix		Ready-to-use
Colony Samplers		Ready-to-use
12-tube PCR Reagent Strips containing primers/probes in a dry format		

Test preparation

Log in to the Check & Trace Analysis Portal online:

analysis.check-points.com

- > Generate a worklist and run session
- > Print out worklist for sample preparation and PCR run in the lab



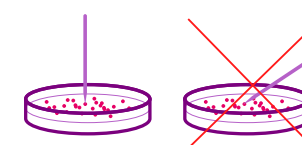
1 Sample preparation – DNA extraction

Step 1



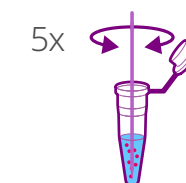
Add 200 µl of Sample Buffer into a PCR tube

Step 2



Stab a single bacterial colony through the agar using the Colony Sampler, perpendicular to the plate.

Step 3



Resuspend the Colony Sampler into 200 µL of Sample Buffer. Roll the Colony Sampler between thumb and index finger at least 5 times back and forth while remaining in the buffer and incubate.



Incubation: 10 min at 98°C

2 Amplification (preparation and run PCR)

Step 4



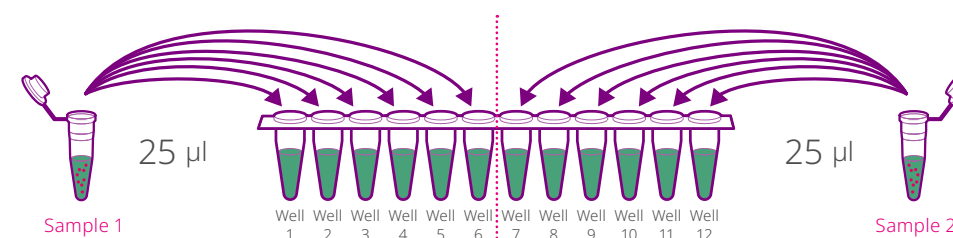
Aliquot 35 µL of the PCR Master Mix into a new PCR tube

Step 5



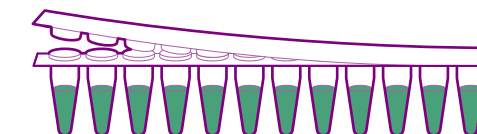
Add 140 µL of bacterial lysate (DNA sample) to the PCR tube containing the Master Mix. Mix gently by pipetting up and down. **DO NOT VORTEX!**

Step 6



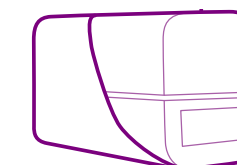
Aliquot 25 µL of the Master Mix/bacterial lysate mixture into the PCR Reagent Strip. Use wells 1–6 for sample 1 and wells 7–12 for sample 2.

Step 7



Ensure PCR strip caps are sealed airtight to prevent evaporation during the PCR run, and **SPIN DOWN BRIEFLY**.

Step 8



Place the PCR Reagent Strips in the PCR cycler* using the worklist created in the **Test Preparation** section and **RUN REAL-TIME PCR**.

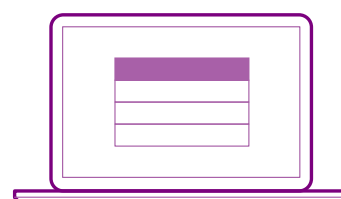
*For use with Bio-Rad® CFX96™ / CFX Opus 96. Contact our specialists for QuantStudio™ 5.

Test protocol

3 Easy result interpretation

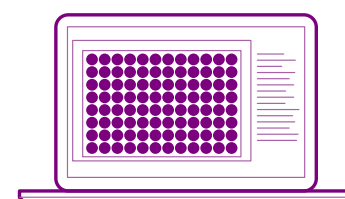
Log in to the Check & Trace Analysis Portal online:

analysis.check-points.com



- A)** > Select the run session of the experiment
- B)** > Click the “Upload CFX Result file” tab to upload the .pcrd file containing the corresponding PCR run data.

- C)** Results appear within a few minutes and can easily be **downloaded (PDF)** or **exported (CSV/Excel)** via the Reporting tab.



Test results

Scan QR code for detailed product information



Get in touch with our specialists

Email us: info@check-points.com | Call us: +31 317 453 908

Learn more at: www.checkandtrace.com | www.indical.com | shop.indical.com

Connect with us on LinkedIn: www.linkedin.com/company/indical

MICROVAL®  | 

Microval Check & Trace Salmonella 2.0 has obtained the Microval certificate for confirmation and typing of *Salmonella*. Laboratories now have an officially certified alternative for the ISO-6579 workflows for confirmation and typing.



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