

TECHNICAL DATA SHEET

Food swab *Salmonella* spp.

code 200182

code	presentation	tube dimensions (mm)	quantity/case	weight/case (gr)	volume/case (m ³)
200182	1 tube + 1 swab with viscose peel, wrapped by PP bag	12 x 165	25 packs	330	0.0027



DESCRIPTION

Swab with culture medium and growth indicator for the detection of *Salmonella* spp. directly from surfaces.

Culture medium incorporates a pH indicator to indicate biological activity, by changing the color of the medium that is easily visible. With $2,5 \pm 2$ ml agar.

Shelf life 6 months. Storage 10-25°C. Composition: differential medium.

TECHNIQUE

1. Remove the sterile swab from inside the bag.
2. Wet the tip of the swab by immersing it in sterile physiological solution.
3. Drain excess liquid by resting the tip of the swab against the wall of the tube.
4. Rub the swab on a surface (10 x 10 cm²) horizontally and vertically.
5. Introduce the swab into the tube containing the culture medium.
6. Close the tube and write the date and place of sampling.
7. Incubate at 37°C for 18-24 hours.
8. Observe the change in color of the medium and interpret the result:
 - Red medium: Absence of *Salmonella* spp.
 - Red/black medium: Presence of *Salmonella* spp.
 - Yellow medium: Presence of coliforms

Each laboratory must evaluate the results according to their specifications.

QUALITY CONTROL

Physical/Chemical control

Color: Red

pH: 7.4 ± 0.2 at 25°C

Microbiological control

Inoculate: Practical range 10-50 CFU.

Aerobiosis. Incubation at $37 \pm 1^\circ\text{C}$, reading after 18-24 h

WRITTEN	VERIFIED	AUTHORISED
Pascal Montoya Marketing Department	Anna Mir Technical, RA, Quality & Environment Director	Mònica Torras Sales & Marketing Director

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Microorganism

Salmonella typhimurium ATCC® 14028, WDCM 00031

Salmonella enterica ATCC® 13076, WDCM 00030

Escherichia coli ATCC® 25922, WDCM 00013

Citrobacter freundii ATCC® 8090

Shigella flexneri ATCC® 12022, WDCM 00126

Enterococcus faecalis ATCC® 29212, WDCM 00087

Growth

Good

Good

Good

Good

Good

Inhibited

Medium color

Black/red

Black/red

Yellow

Yellow

Yellow

Red

Sterility control

Incubation 48 h at 30-35 °C and 48 h at 20-25 °C: NO GROWTH.

Check at 7 days after incubation in same conditions.

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