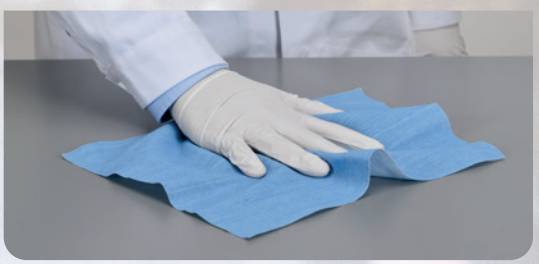
SurfACE™ Sampling Solutions for Primary Production Areas

Easy-to-use, sterile specimen collection materials for pathogen detection in livestock farming applications.



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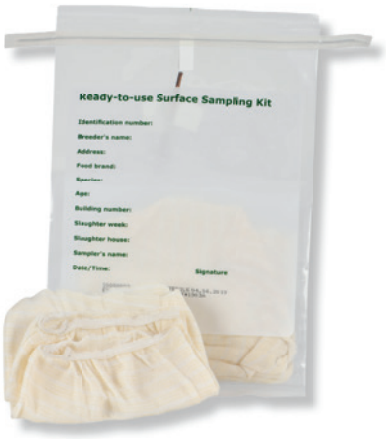
Romer Labs®
Making the World's Food Safer

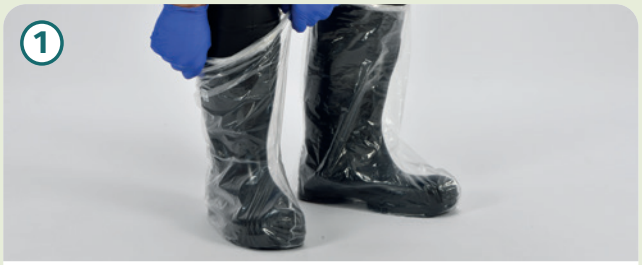
Boot Cover Swabs

Also known as bootswabs, boot socks or sock swabs

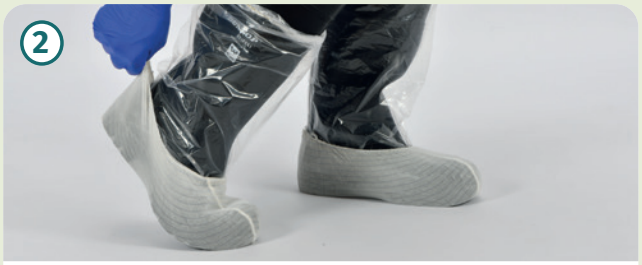


- 15 x 15 cm (5.9“ x 5.9“) biocide-free cotton-polyester absorptive fabric sewn into a sock shape
- Integrated elastic band sewn into the top in order to aid in securing it to the boot
- Pre-moistened with buffered peptone water
- Packaged in a Twirl–Tie™ bag
- Bags can be opened easily with attached pull tabs
- Label area for sample identification
- Irradiated for proven sterility
- Compliant with EU Regulations No 200/2010, 517/2011, 200/2012, and 1190/2012, as well as ISO 13307:2013

Procedure:

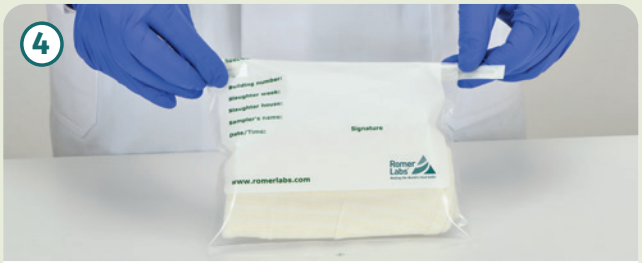


Slip on disposable plastic overboots to prevent cross-contamination or use a dedicated boots from the target barn.



Tear open the Twirl-Tie™ bag, remove the swabs and place them securely over the boots. Handle the swabs wearing (sterile) gloves. Use fresh gloves for each sampling site.

Walk through the livestock facility according to your sampling plan. Return the swabs to the Twirl-Tie™ bag and label the bag with the sample details.



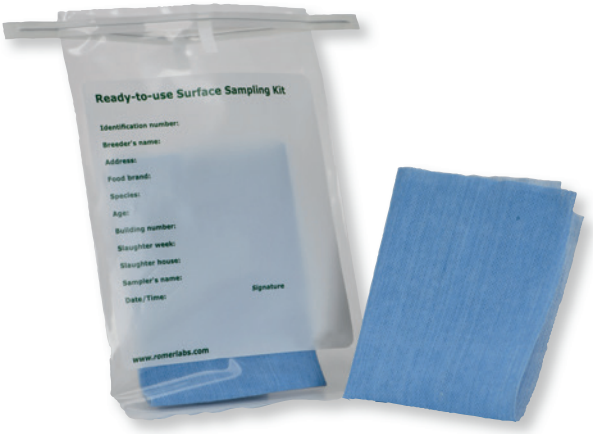
Roll the top of the bag and secure it with the wires. Keep it chilled (1 - 8 °C) until examination. If testing for *Salmonella* spp., samples can be stored at up to 25 °C for max. 24 h.

Boot cover swabs in Twirl-Tie™ bag

Package Size	Description	Item No.
100	Pre-moistened with BPW – pair	10001911
100	Pre-moistened with BPW – 2 pairs	10001913
50	Pre-moistened with BPW – 2 + 3 pairs	10001914
50	Plastic overboots	10001917
50 pairs	Sterile Gloves, Size XL, Pair	20000603

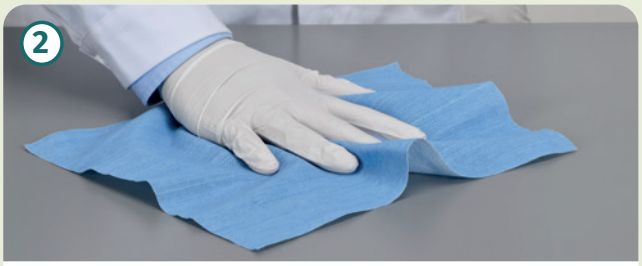
Fabric Swabs

- 28 × 35 cm (11 × 11.8") blue biocide-free sampling cloth
- Pre-moistened with 10 ml buffer
- In a 1.5 L (55 oz.) 19 × 30 cm (7.5 × 12") Twirl-Tie™ bag
- Bags can be opened easily with attached pull-tabs
- Label area for sample identification
- Irradiated for proven sterility
- Compliant with EU Regulations No 200/2010, 200/2012 and 1190/2012, as well as ISO 13307:2013

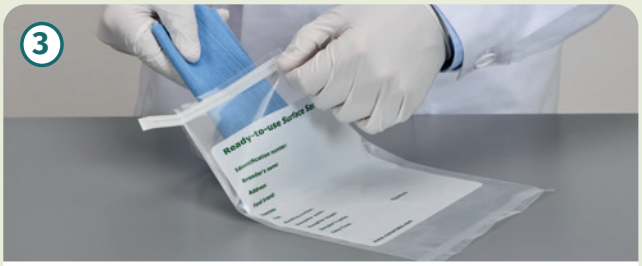


Procedure:

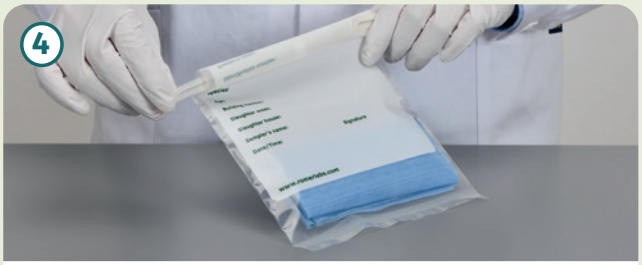
Open the Twirl-Tie™ bag and remove the swab with a gloved hand. Make sure to always use a fresh glove for each sampling site. Sterile gloves are recommended.



Rub the swab vigorously onto the target surface over an area of minimum 1 sq. m (11 sq. ft.), making sure to use both sides, until the cloth becomes visibly soiled.



Return the swab to the Twirl-Tie™ bag and label the bag with the sample details.



Roll the top of the bag and secure it with the wires. Keep it chilled (1 – 8 °C) until examination. If testing for *Salmonella* spp., samples can be stored at up to 25 °C for max. 24 h.

Fabric swabs in Twirl-Tie™ bag

Package Size	Description	Item No.
200	Fabric Swab with Maximum Recovery Diluent, in Twirl-Tie™ Bag	10004589
200	Fabric Swab with Neutralizing Buffer, in Twirl-Tie™ Bag	10006188
200	Fabric Swab, Dry, in Twirl-Tie™ Bag	10006534
50 pairs	Sterile Gloves, Size XL, Pair	20000603

In livestock farming, the presence in the environment of pathogenic bacteria can indicate whether the primary production food safety program is functioning as it should. Environmental testing has therefore become a crucial part of farm-level microbial risk management. With a strong focus on environmental testing, Romer Labs provides an array of sampling solutions covering **livestock farming applications**.

Environmental Sampling for Livestock Farming Applications

Salmonella and *Campylobacter* contamination of poultry and other livestock products is a worldwide concern. To reduce instances of contamination at farms, methods for monitoring *Salmonella* and *Campylobacter* contamination in livestock shelters have been developed that employ sterile sampling devices, such as boot-cover swabs and fabric swabs, as stated in several EU regulations and norms.

Available pre-moistening solutions:

Buffered Peptone Water (BPW) – Buffered Peptone Water is a pre-enrichment medium useful for isolating *Salmonella* from foods and primary production samples. *Salmonella* and other pathogens can suffer sub-lethal injury from processes involving heat, desiccation, preservatives, pH changes or osmotic pressure shifts. BPW has been shown to facilitate the resuscitation of stressed cells and is recommend in ISO 13307:2013* and EU Regulations No 200/2010, 517/2011, 200/2012, and 1190/2012 as a moistening and transport solution for sampling devices for the recovery of microorganisms from surfaces.

Maximum Recovery Diluent (MRD) – Maximum Recovery Diluent is formulated as recommended by ISO 13307:2013 for use as a diluent for general purposes. It is also known as Peptone salt solution (0.1% Peptone, 0.8% NaCl) as referenced in EU Regulations No 200/2012 and 1190/2012.

Neutralizing Buffer (NB) - The neutralizing buffer assists in the recovery of microorganisms in samples taken from surfaces exposed to sanitizing agents, as recommended by ISO 13307:2013.

Ingredient [g/L]	MRD	NB	BPW
Lecithin		7	
Neutral Peptone	1		10
Polysorbate 80 (Tween 80)		5	
Potassium phosphate dibasic		8.5	1.5
Sodium Bisulfite		1.25	
Sodium Chloride	8.5		5
Sodium Phosphate di-basic		3	3.5
Sodium Thioglycolate		1	
Sodium Thiosulfate		6	

*ISO 13307:2013. Microbiology of food and animal feed — Primary production stage — Sampling techniques".

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