

SwiftX™ ParaBact Product Sheet



▶ **SwiftX ParaBact enables rapid and sensitive DNA extraction from bacteria and parasites**

- Rapid extraction of DNA from gram-positive and gram-negative bacteria, as well as eukaryotes such as protozoa, fungi, helminths as well as human and animal cells
- Stronger cell capturing optimized for bacterial cells and protozoa
- Alkaline heat-lysis for improved rupture of hard-lysing bacteria
- Reverse purification technology based on paramagnetic particles enables efficient removal of inhibitors and cell debris
- Enzyme-free DNA extraction with active removal of RNA
- Centrifugation-free workflow



▶ **Flexible and easy-to-perform workflow**

- Direct extraction protocol for solid samples like swabs or pre-concentrated cells
- Universal cell concentration step for enhanced sensitivity with liquid samples such as urine, blood, saliva, sputum and cell cultures



▶ **Eco-friendly by reducing waste and time**

- No organic waste – free of guanidine, enzymes, alcohols, phenol
- A small number of work steps and only a few consumables required
- No refrigeration needed – stable at room temperature



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