



**BioFilm
Control**

THE BIOFILM SPECIALIST

A REVOLUTION IN MICROBIOLOGY,
BIOFILM SCAN M®
RAPID, SIMPLE AND EFFECTIVE
BIOFILM-TESTING TECHNOLOGY



SERVICES

BIOFILM CONTROL, A LABORATORY AND A TEAM TO MANAGE ALL YOUR PROJECTS

90m² Class P2 Laboratory

- > Robotics Hamilton HTS Assay Station, 4,000 biofilm tests per day
- > 3 MSS, 3 static incubators, 2 rotating incubators

50m² Chemistry and production laboratory (Chemistry, media preparation etc.)

- > 1 vertical laminar flow hood
- > 1 laboratory fume hood

An experienced team

- > 3 doctors of pharmacy, microbiology and chemistry
- > 2 engineers (ISARA and Polytech')
- > 1 safety quality manager
- > 3 microbiology technicians

ISO 9001 certification pending



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Biopôle Clermont-Limagne - 63360 SAINT-BEAUZIRE - FRANCE

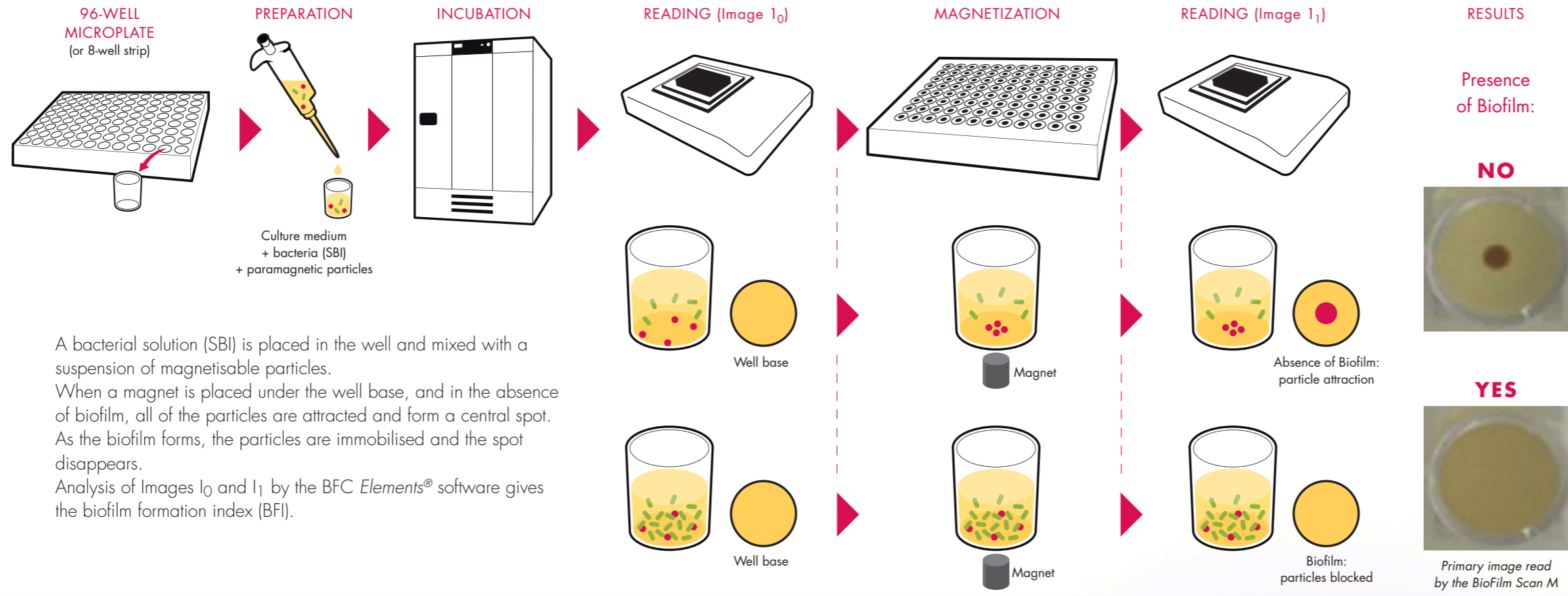
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BioFilm Control works with:



PRINCIPLE OF THE BIOFILM RING TEST®



A bacterial solution (SBI) is placed in the well and mixed with a suspension of magnetisable particles. When a magnet is placed under the well base, and in the absence of biofilm, all of the particles are attracted and form a central spot. As the biofilm forms, the particles are immobilised and the spot disappears. Analysis of Images I₀ and I₁ by the BFC Elements® software gives the biofilm formation index (BFI).

- RESULTS**
- Presence of Biofilm:
- NO**
- YES**
- Primary image read by the BioFilm Scan M
- APPLICATIONS**
- > Bacterial biofilm tests (challenge tests)
 - > Hygiene product tests (disinfectants, detergents etc.)
 - > Antibiotic tests ("biofilms" bacterial sensitivity test to antibiotics)
 - > Selection of new anti-biofilm antibiotic molecules.

INSTRUMENTATION

- BioFilm Scan M**
- > Scanner
 - > PC work station
 - > BFC Elements® interpretation software



CONSUMABLES

- BioFilm Ring Test®**
- > MonoBlock version for routine analyses
 - > Strip Well version for analyses according to specifications
 - > Ready to use kits
 - > Tests for the presence/absence of biofilms in just a few hours
 - > Ease of use
 - > No handling of toxic products
 - > Correlation with the crystal violet method

