

# *LEGIONELLA LATEX TEST*

*A latex agglutination test for the presumptive identification of predominant Legionella species cultured from clinical or environmental samples.*



## *SIMPLE*

Just 3 reagents to detect *Legionella pneumophila* serogroup 1, serogroup 2-14 and seven other pathogenic *Legionella* species (*L. longbeachae*, *L. bozemanii*, *L. dumoffii*, *L. gormanii*, *L. jordanis*, *L. micdadei*, *L. anisa*).

## *RAPID*

Positive reactions in less than one minute.

## *EASY-TO-READ*

Interpretation of results enhanced by blue latex reagent against white background of reaction card.

## *CONVENIENT*

Colour-coded reagent bottles packaged in a compact, space-saving workstation.

*Designed for convenience*





## PRINCIPLE

Sensitised blue latex particles will agglutinate in the presence of specific *Legionella* cell wall antigens.

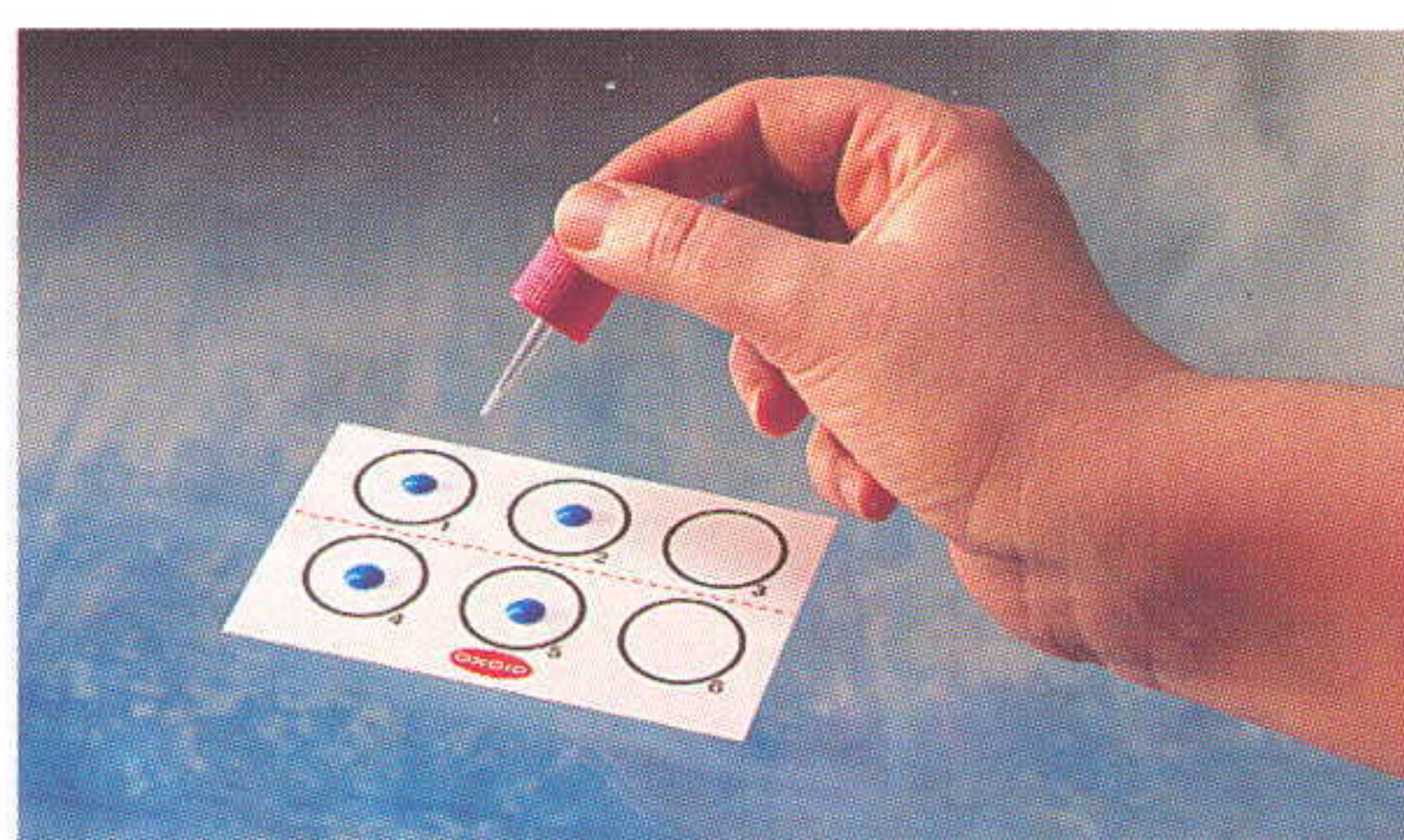
Agglutination causes the formation of a blue lattice which is clearly visible as a positive result.

The use of only 3 reagents, detecting *Legionella pneumophila* serogroup 1, serogroups 2-14 and seven other pathogenic *Legionella* species, provides a fast and simple screening procedure.

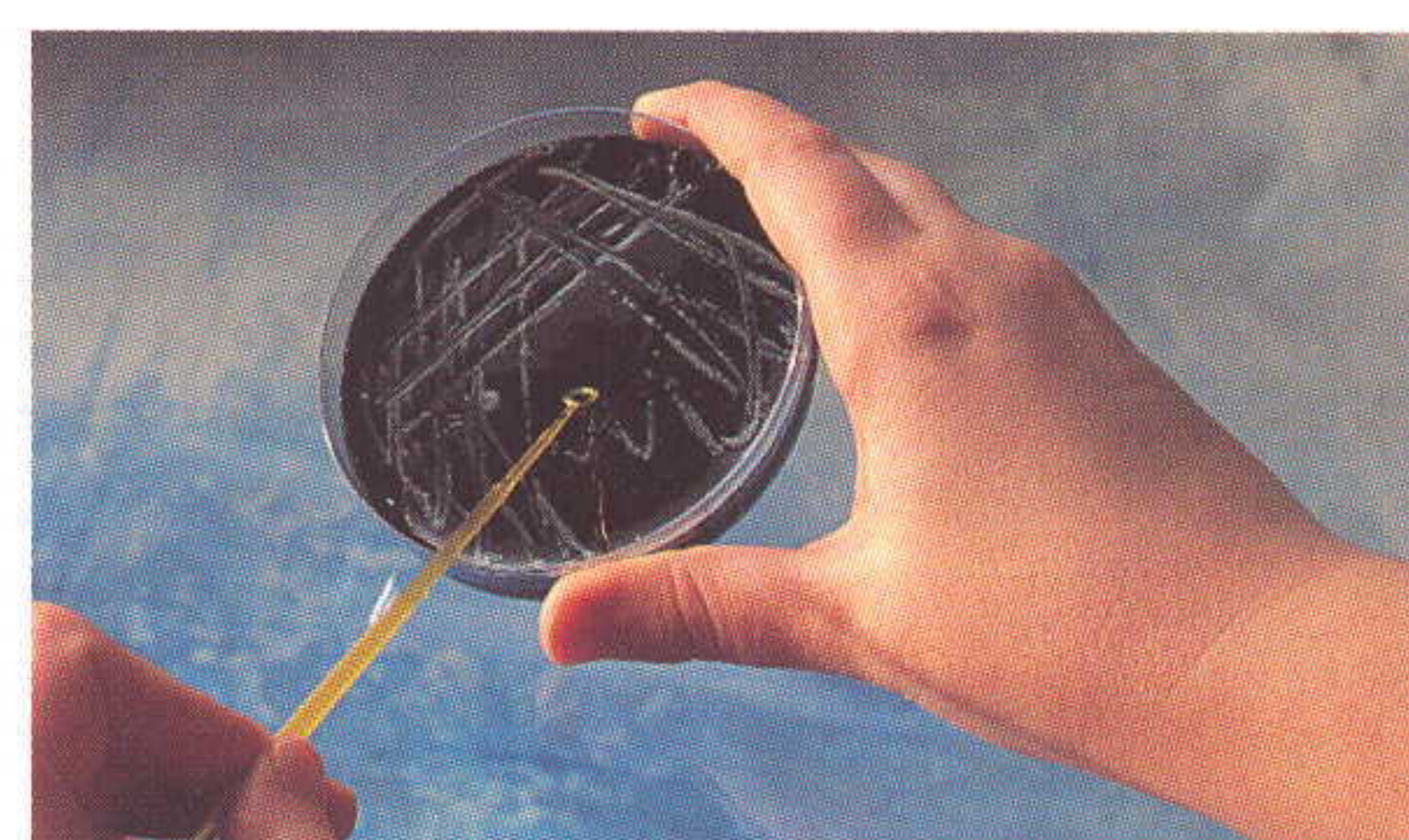
## PROCEDURE



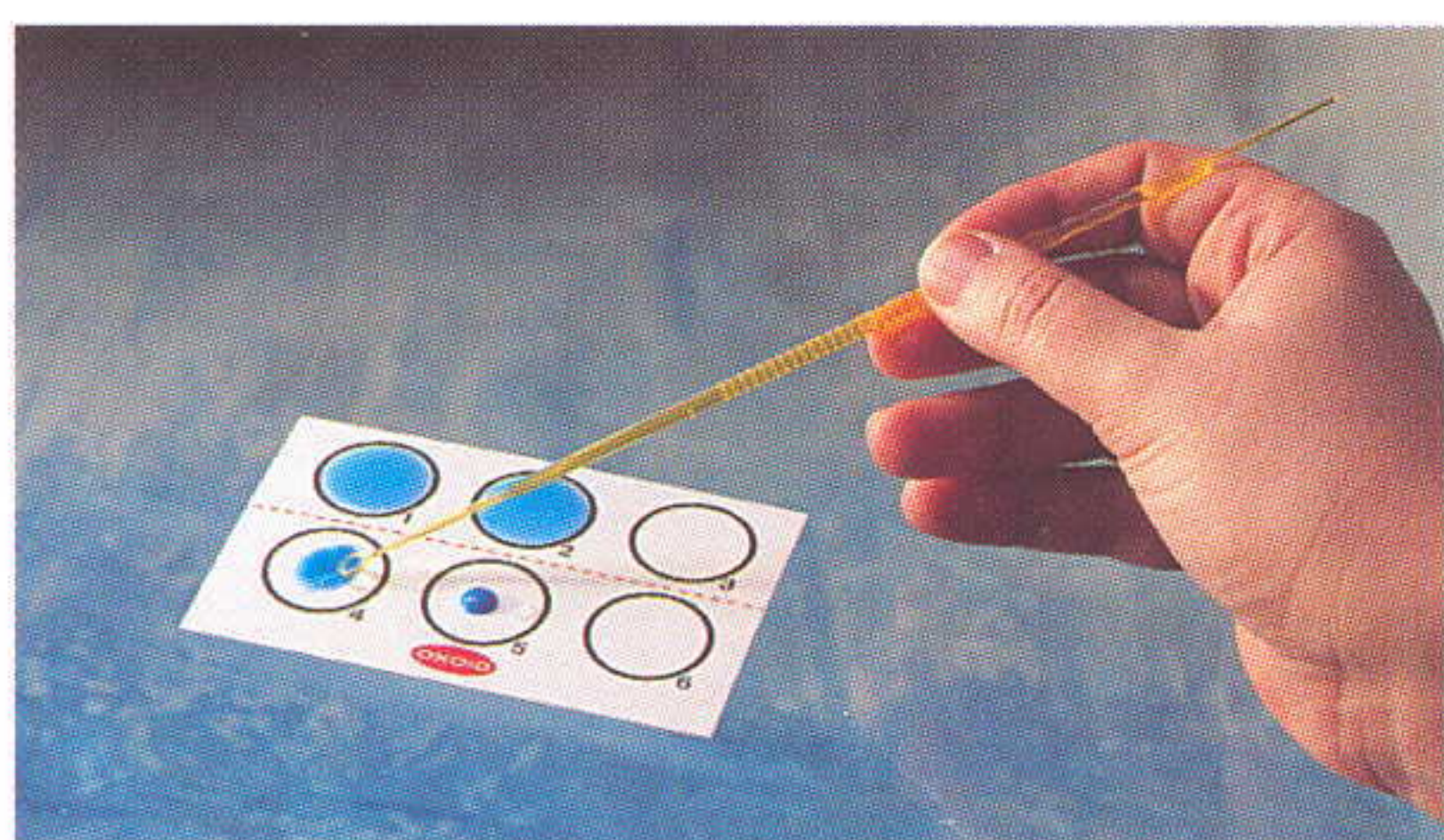
- 1** Shake latex reagents thoroughly. Dispense one drop of each onto a separate test circle. The controls provided should be used to check the correct working of the latex reagents each day before routine tests are performed.



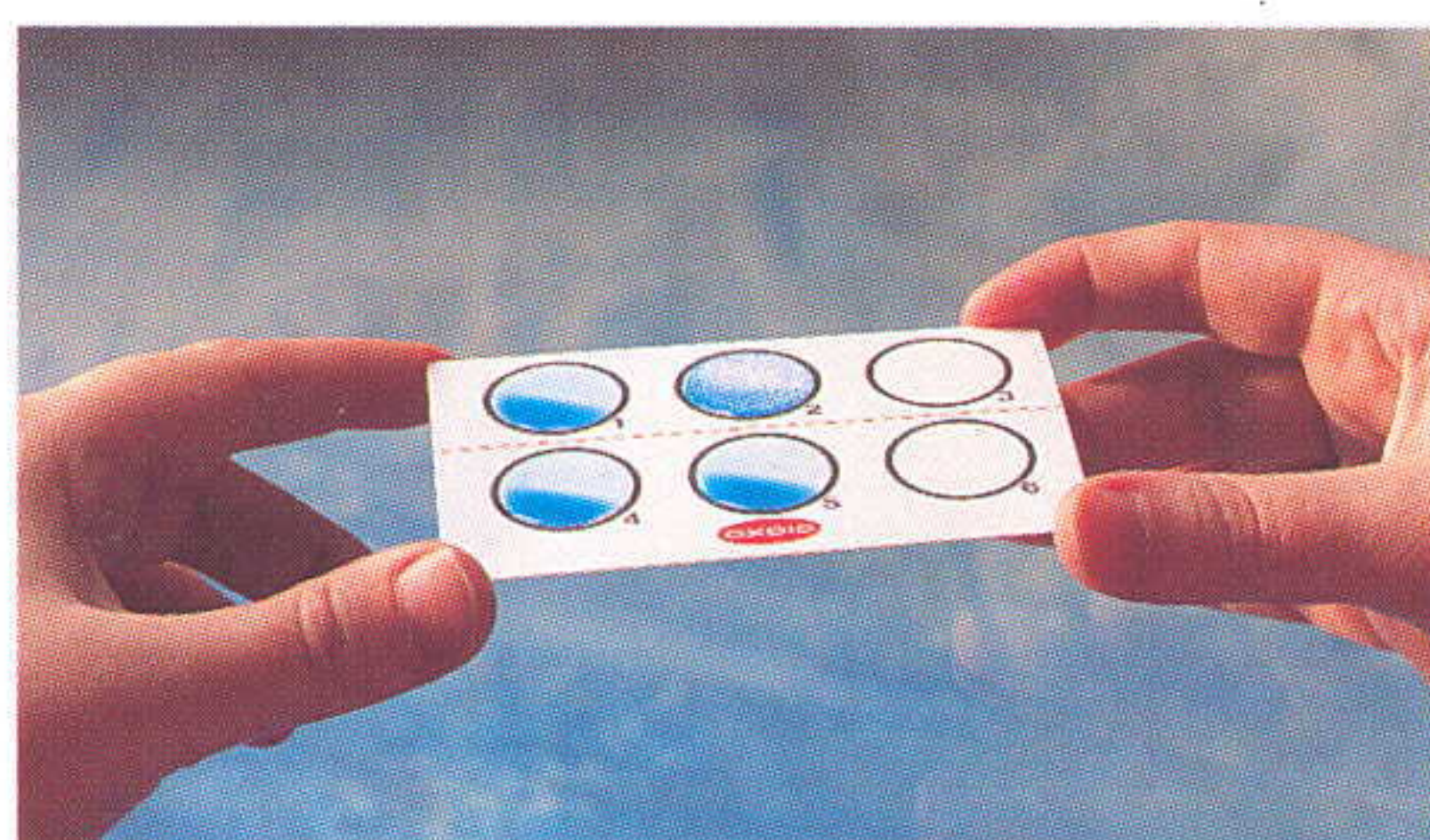
- 2** Add one drop of saline to test circle, ensuring not to mix with test reagent.



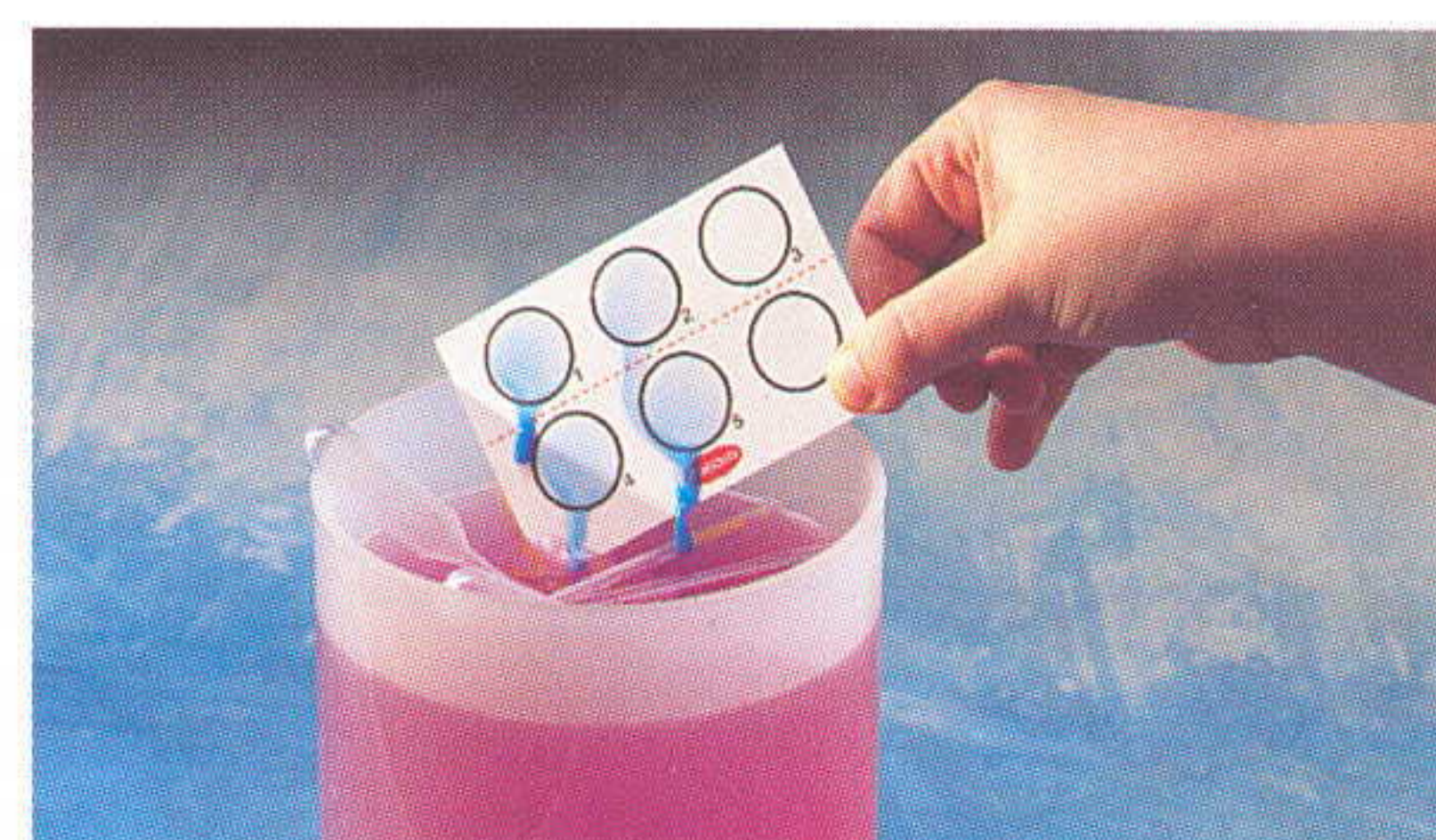
- 3** Using a loop, pick off one colony (at least 1mm diameter) for each reagent. Carefully emulsify in buffer. **IMPORTANT PROCEDURE NOTE:** This test does not require more than one colony.



- 4** Using the loop, mix latex reagents and suspensions together, covering entire area within each ring.



- 5** Gently rock reaction card in a circular motion for up to one minute. Look for agglutination. If a stringy reaction occurs use alternative methodology (refer to technical leaflet).



- 6** Dispose of reaction card safely into disinfectant.

## CONTENTS OF KIT

DR801 *Legionella pneumophila* serogroup 1 test reagent  
DR802 *Legionella pneumophila* serogroup 2-14 test reagent  
DR803 *Legionella* species test reagent  
DR804 Positive control suspension  
DR805 Negative control suspension  
DR806 Control latex  
DR807 Suspension buffer  
DR500 Reaction cards  
Multilingual instruction leaflet.