

SALES GUIDE

ELISA Wash efficiency control pack
(*cat. QCWASH*)

INTRODUCTION

Innovative Diagnostics developed the **ELISA Wash efficiency control pack** kit, which uses a colored solution to evaluate the effectiveness and the quality of the washing process, ensuring precise and reliable results.

The washing step is one of the most critical stages in any ELISA test. It plays a key role in ensuring the reliability and accuracy of results. Regardless of the washing method used by the laboratory, it is essential to master this step for accurate results.

A proper washing process removes unbound materials that could interfere with the reaction.

When washing is insufficient, residual reagents may cause **high background signals** and lead to **false positive results**.

On the other hand, effective washing ensures **clean, precise, and reproducible results** — which are essential for confident data interpretation.

There are several approaches to washing ELISA plates, each with its own advantages and limitations:

- **Manual washing:** often performed with a multichannel pipette
- **Semi-manual washing:** using a rake
- **Automated washing:** using a washer

PRODUCT DESCRIPTION

Wash efficiency control pack



ELISA Wash efficiency control pack (cat. QCWASH)



PRODUCT DESCRIPTION

Wash efficiency control pack (Solution C)

Solution C:

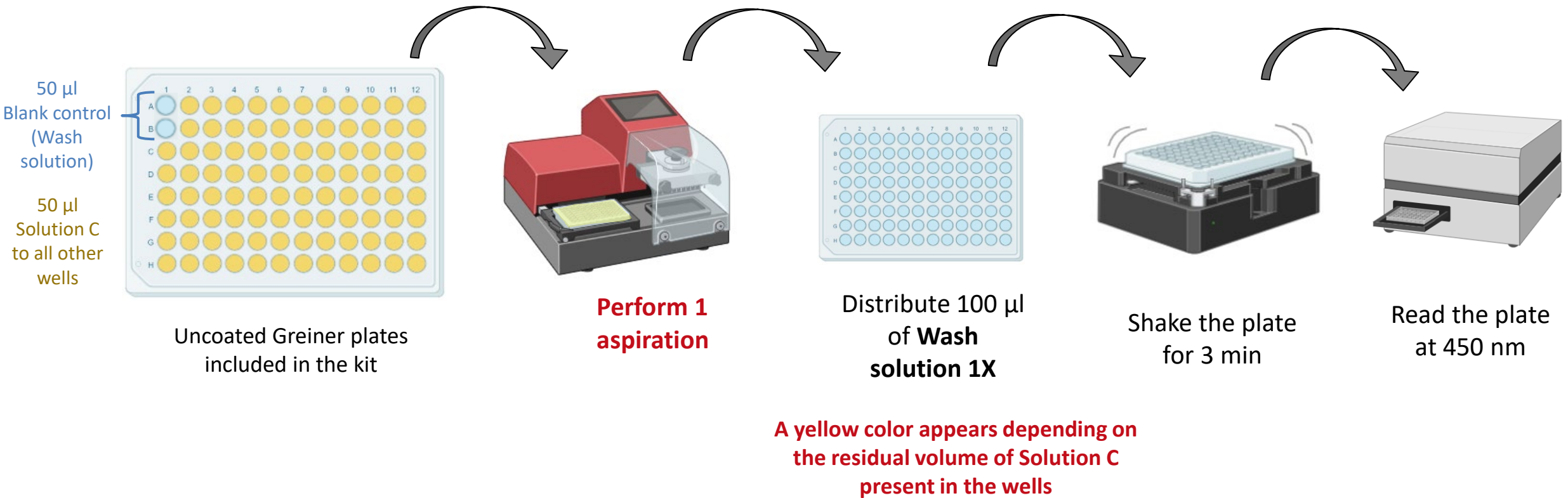
- ELISA Wash efficiency control pack (cat. QCWASH) with **solution C** may be used with **automatic washers only**
- Designed to control the residual volume after **ONE aspiration cycle**
- Do not perform the complete washing program: the final aspiration step has a different setting with longer aspiration time and/or crosswise aspirations

Kit components needed for the test:

- **Yellow colored solution C** ready to use (highly staining)
- Uncoated GREINER ELISA plates
- Washing solution 20X (to be diluted 1X)



Wash efficiency control pack: How to use the solution C



PRODUCT DESCRIPTION

Wash efficiency control pack (Solution D)

Solution D:

- ELISA Wash efficiency control pack (cat. QCWASH) with **solution D** may be used with **all washing methods**
- Designed to control **the entire process of washing** by performing 3 entire cycles of washing

Kit components needed for the test:

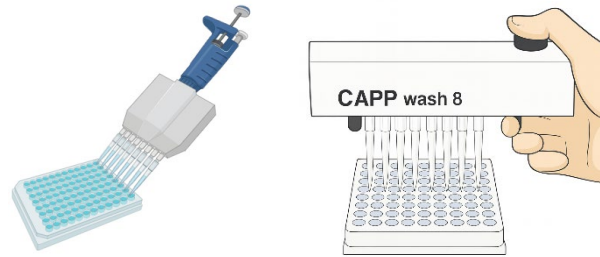
- **Orange colored solution D** ready to use (highly staining)
- Uncoated GREINER ELISA plates
- Washing solution 20X (to be diluted 1X)



Wash efficiency control pack: How to use the solution D

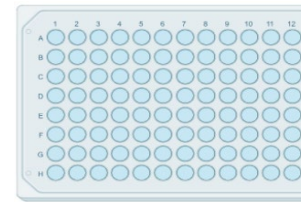
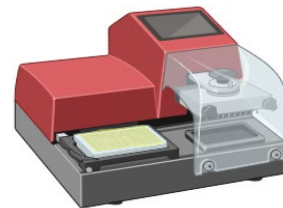
Manual and semi manual wash:

- 1) Empty the plate
- 2) Add 300 μ l wash solution 1X
- 3) Repeat 3 times
- 4) After the final wash empty the plate

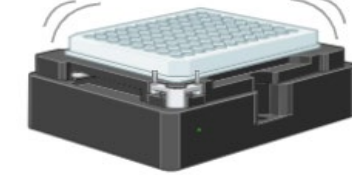


Automatic washer:

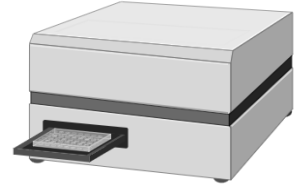
- Perform 3 complete wash cycles
Empty the plate if needed



Distribute 100 μ l of
Wash solution 1X



Shake the plate
for 3 min



Read the plate at
450 nm

50 μ l
Blank control
(Wash solution)

50 μ l
Solution D
to all other wells

Uncoated Greiner plates
included in the kit