

## Data Sheet for Wash Buffer A

### 1 Products

Product name	Product code	Specifications, recommendations for use
Wash Buffer A	B-201-#-WB	<ul style="list-style-type: none"><li>washing solution for immunoassays (EIA; ELISA, Line, Blot and Spot assays)</li><li>effective reduction of nonspecific bindings</li></ul>

*The hash mark # is a spacer for different filling volumes.*

### 2 Effective components and principle of function

The wash buffer concentrate is based on a TRIS-buffer and contains several ions and surface active substances. The buffer system provides a biocompatible environment for the proteins involved in the process. The ions are responsible for the cleaning effect and surface active substances split nonspecific protein bindings.

More information can be found in the safety data sheets.

### 3 Information on storage, transport and filling

The shelf life of the wash buffer concentrate solution is 36 months from the date of production. They have to be stored firmly closed at 2...8 °C (36...46 °F).

It is possible to transport the solution at room temperature. Temperatures exceeding 30°C should be avoided. The transport should take less than one week.

Any filling or decanting into other bottles has to be done into clean vessels.

Frozen solutions have to be mixed thoroughly after thawing and can be used without any restriction afterwards.

Solutions showing turbidity should not be used, since this might be a sign of contamination.

### 4 General instructions for use

Only qualified staff, who are familiar with the production of immunological tests, is permitted to handle Wash Buffer A.

The **working solution** is prepared by dilution of **1:10** (1 part wash buffer concentrate, 9 parts water) in distilled or deionized water. The washing procedure can be done by hand or by washer instruments.

In accordance with the need of the tests three to five wash cycles are useful.

The buffer is tested in ELISAs with horseradish peroxidase (HRP) as well as alkaline phosphatase as marker enzyme.

If used in washer instruments it is recommended to remove the wash buffer after processing by rinsing with deionized water, if necessary with addition of cleaners, to avoid formation of crystals and corrosion in pumps and valves.

### 5 Removal

The disposal of remains must be conform with the national and local legal requirements. Empty bottles can be used for local recycling or given to garbage disposals.

Seramun Diagnostica GmbH, Spreenhagener Str. 1, 15754 Heidesee, Germany  
phone: +49 33767 791-10, email: [info@seramun.com](mailto:info@seramun.com), homepage: [www.seramun.com](http://www.seramun.com)