

# PBST buffer

Powdered buffer, 110 grams  
Catalog number: ACC 00115

PBST buffer is used in all Agdia ELISA wash steps. Additionally it can be used as a sample extraction buffer in some tests and also as a base for many other buffer formulations.

## Preparing 20X Stock Solution

500 ml Batch	
Buffer powder	100 g
Distilled water	500 ml

Prepare 20X concentrated buffer by dissolving PBST powder in distilled water according to the ratio above.

Measure the distilled water into a container and add the buffer powder while stirring. Stir 15 to 30 minutes or until powder is dissolved.

Prior to use, 20X stock solution must be diluted to a 1X working buffer. This can be done by diluting 1 ml of 20X stock solution with 19 ml distilled water. Recommended pH for 1X PBST buffer is in the range of 7.2 to 7.6.

## Preparing 1X Working Buffer from powder

500 ml Batch	
Buffer powder	5 g
Distilled water	500 ml

Prepare 1X working buffer by dissolving PBST powder in distilled water according to the ratio above.

Measure the distilled water into a container and add the buffer powder while stirring. Stir 15 to 30 minutes or until powder is dissolved. Recommended pH for 1X PBST buffer is in the range of 7.2 to 7.6. Prepared 1X buffer should only be used for one day.

## Precautions

Prevent direct skin and eye contact with, or ingestion of, product components. Obtain medical attention in case of accidental ingestion of kit components. Always wash hands thoroughly after using this product.

## Technical Service

If you have any questions about using this kit, please contact Agdia, Inc. Monday – Friday by phone (574-264-2014 or 800-622-4342) or by email ([info@agdia.com](mailto:info@agdia.com)).