

Reagent Preparation Sheet.

0.15M PBS, pH 7.6, coating buffer

ELISA Coating Buffer

Date prepared:

By:

I. Hazard Assessment

To protect yourself from any possible hazards associated with this task wear eye protection. You should also wear latex, nitrile, or vinyl gloves and a lab coat with long sleeves. To protect your legs and feet wear closed shoes and long trousers. Do not wear sandals, shorts or a short skirt. Wash your hands before eating and when leaving the laboratory. You should review the MSDS for any chemical used in this procedure. In case of a spill with a toxic chemical remove all contaminated clothing and wash affected areas with copious quantities of water. Check location of the nearest safety shower. Eyes should be washed copiously for 15 minutes.

II. Buffer

0.15M PBS, pH 7.6, coating buffer

III. Purpose of buffer

Basis buffer in [SeM ELISA protocol](#) for coating plates with MAB212p, also the 1X PBS used in blocking, washing and antibody dilution.

IV. Buffer recipe

Reagent	Amount Added
sodium chloride	8.0 g _____
Potassium chloride	0.2 g _____
KH ₂ PO ₄	0.2 g _____
Na ₂ HPO ₄ ·7H ₂ O	2.17 g _____
water	900 ml _____
Adjust pH to 7.6 with 6N HCL or 5N NaOH as necessary	_____
Add water to 1 liter	_____

V. Comments

VI. **Reference**

Provided by Nathalie Forster (Maine Biotechnology Services) from their [ELISA protocol for SeM](#)

